

## SEQUENCE LISTING

## HUMAN HERPESVIRUS 1 (SEQ ID NO:109)

	1	AGCCCCGGGCC	CCCCCGCGGGC	GCGCGCGCGC	GCAAAAAAGG	CGGGCGGCGG	TCCGGGCGGC
5	61	GTGCGCGCGC	GCGGCGGGCG	TGGGGGGCGG	GGCCGCGGGA	GCGGGGGGAG	GAGCGGGGGG
	121	AGGAGCGGGG	GGAGGAGCGG	GGGGAGGAGC	GGGGGGAGGA	GCGGGGGGAG	GAGCGGGGGG
	181	AGGAGCGGGG	GGAGGAGCGG	GGGGAGGAGC	GGGGGGAGGA	GCGGGGGGAG	GAGCGGGGGG
	241	AGGAGCGGGG	GGAGGAGCGG	GGGGAGGAGC	GGGGGGAGGA	GCGGGGGGAG	GAGCGGGGGG
	301	AGGAGCGGGG	GGAGGAGCGG	CCAGACGCCG	AAAACGGGCC	CCCCCAAAA	CACACCCCCC
10	361	GGGGGTGCGG	CGCGGCCCTT	TAAAGCGGTG	GCGGCGGGCA	GCCC GG GCCC	CCGCGGCCCG
	421	AGACTAGCGA	GTTAGACAGG	CAAGCACTAC	TCGCCTCTGC	ACGCACATGC	TTGCCTGTCA
	481	AACTCTACCA	CCCCGGCACG	CTCTCTGTCT	CCATGGCCCC	CCGCCGCCGC	CATCGCGGCC
	541	CCCGCCGCCC	CCGGCCGCCC	GGGCCACGCG	GCGCCGTCCC	AACCGCACAG	TCCCAGGTAA
	601	CCTCCACGCC	CAACTCGGAA	CCCGCGGTGA	GGAGCGCGCC	CGCGGC CGCC	CCGCCGCGCC
15	661	CCCCCGCCGG	TGGGCCCCCG	CCTTCTTGTT	CGCTGCTGCT	GCGCCAGTGG	CTCCACGTTT
	721	CCGAGTCCGC	GTCCGACGAC	GACGATGACG	ACGACTGGCC	GGACAGCCCC	CCGCCCGAGC
	781	CGGCGCCAGA	GGCCCGGCCC	ACCGCCGCCG	CCCCCGGCC	CCGGCC CCA	CCGCCCGGCG
	841	TGGGCCCGGG	GGGCGGGGCT	GACCCCTCCC	ACCCCCCTC	GCGCCCCTTC	CGCCTTCCGC
	901	CGCGCCTCGC	CCTCCGCCTG	CGCGTCACCG	CGGAGCACCT	GGCGCGCCTG	CGCCTGCGAC
20	961	GCGCGGGCGG	GGAGGGGGCG	CCGGAGCCCC	CCGCGACCCC	CGCGAC CCCC	GCGACCCCCG
	1021	CGACCCCCGC	GACCCCCGCG	CGGGTGCGCT	TCTCGCCCCA	CGTCCGGGTG	CGCCACCTGG
	1081	TGGTCTGGGC	CTCGGCCGCC	CGCCTGGCGC	GCCGCGGCTC	GTGGGC CCGC	GAGCGGGCCG
	1141	ACCGGGCTCG	GTTCGGGCGC	CGGGTGCGCG	AGGCCGAGGC	GGTCATCGGG	CCGTGCTGG
	1201	GCCCCGAGGC	CCGTGCCCGG	GCCCTGGCCC	GCGGAGCCGG	CCCGCGGAAC	TCGGTCTAAC
25	1261	GTTACACCCG	AGGCGGCCTG	GGTCTTCCGC	GGAGCTCCCG	GGAGCTCCGC	ACCAAGCCGC
	1321	TCTCCGGAGA	GACGATGGCA	GGAGCCGCGC	ATATATACGC	TTGGAGCCAG	CCCGCCCTCA
	1381	CAGGGCGGGC	CGCCTCGGGG	GCGGGACTGG	CCAATCGGCG	GCCGCCAGCG	CGGCGGGGCC
	1441	CGGCCAACCA	GCGTCCGCCG	AGTCTTCGGG	GCCCCGCCCA	TTGGGCGGGA	GTTACCGCCC
	1501	AATGGGCCGG	GCCGCCCACT	TCCCGGTATG	GTAATTAAAA	ACTTGCAAGA	GGCCTTGTTT
30	1561	CGCTTCCCGG	TATGGTAATT	AGAAACTCAT	TAATGGGCGG	CCCCGGCCGC	CTTCCCGCT
	1621	TCCGGCAATT	CCCGCGGCCC	TTAATGGGCA	ACCCCGGTAT	TCCCCGCCTC	CCCGCGCCCG
	1681	CGTAACCACT	CCCTTGGGGT	TCCGGGTTAT	GCTAATTGCT	TTTTTGCGCG	AACACACGGC
	1741	CCCTCGCGCA	TTGGCCCGCG	GGTCGCTCAA	TGAACCCGCA	TTGGTCCCTT	GGGGTTCCGG
	1801	GTATGGTAAT	GAGTTTCTTC	GGGAAGGCGG	GAAGCCCCGG	GGCACCGACG	CAGGCCAAGC
35	1861	CCCTGTTGCG	TCGGCGGGAG	GGGCATGCTA	ATGGGGTTCT	TTGGGGGACA	CCGGGTTGGG
	1921	CCCCCAAATC	GGGGGCCGGG	CCGTGCATGC	TAATGATATT	CTTTGGGGGC	GCCGGGTTGG
	1981	TCCCCGGGGA	CGGGGCCGCC	CCGCGGTGGG	CCTGCCCTCC	CTGGGACGCG	CGGCCATTGG
	2041	GGGAATCGTC	ACTGCCGCCC	CTTTGGGGAG	GGGAAAGGCG	TGGGGTATAA	GTTAGCCCTG
	2101	GCCCGACAGT	CTGGTCGCAT	TTGCACCTCG	GCACTCGGAG	CGAGACGCAG	CAGCCAGGCA
40	2161	GACTCGGGCC	GCCCCCTCTC	CGCATACCA	CAGAAGCCCC	GCCTACGTTG	GCACCCCCAG
	2221	GGACCTTCCG	TCCGCGACCC	TCCAGCCGCA	TACGACCCCC	ATGGAGCCCC	GCCCCGGAGC
	2281	GAGTACCCGC	CGGCCTGAGG	GCCGCCCCCA	GCGCGAGGTG	AGGGGCCGGG	CGCCATGTCT
	2341	GGGGCGCCAT	ATTGGGGGGC	GCCATATTGG	GGGGCGCCAT	GTTGGGGGAC	CCCCGACCTT
	2401	TACACTGGAA	CCGGCCGCCA	TGTTGGGGGA	CCCCCACTCA	TACACGGGAG	CCGGGCGCCA
45	2461	TGTTGGGGCG	CCATGTTAGG	GGGCGTGGA	CCCCGTGACA	CTATATATAC	AGGGACCGGG
	2521	GGCGCCATGT	TAGGGGGTGC	GGAACCCCTT	GACCCCTATAT	ATACAGGGAC	CGGGGTGCGC
	2581	CTGTTGGGGG	TCGCCATGTG	ACCCCTTGAC	TTTATATATA	CAGACCCCCA	ACACATACAC
	2641	ATGGCCCCCT	TGACTCAGAC	GCAGGGCCCC	GGGTGCGCGT	GGGACCCCCC	GACTCATACA
	2701	CAGAGACACG	CCCCACAAC	AAACACACAA	GGACCGGGGT	CGCCGTGTTG	GGGGCGTGTT
50	2761	CCCCACTGAC	TCATACGCAG	GCCCCCTTA	CTACACGCA	TCTAGGGGGG	TGGGGAGGAG
	2821	CCGCCCGCCA	TATTTGGGGG	ACGCCGTGGG	ACCCCGACT	CCGGTGCGTC	TGGAGGGCGG
	2881	GAGAAGAGGG	AAGAAGAGGG	GTCGGGATCC	AAAGGACGGA	CCCAGACCAC	CTTTGGTTGC
	2941	AGACCCCTTT	CTCCCCCTC	TTCCGAGGCC	AGCAGGGGGG	CAGGACTTTG	TGAGGCGGGG
	3001	GGGGGAGAGG	GGGAACCTCG	GGGTGCTGAT	TGACGCGGGA	AATCCCCCCC	CATTCTTACC
55	3061	CGCCCCCTTT	TTTTCCCCCT	AGCCCCCCCC	GGATGTCTGG	GTGTTTCCCT	GCGACCGAGA
	3121	CCTGCCGGAC	AGCAGCGACT	CTGAGGCGGA	GACCGAAGTG	GGGGGGCGGG	GGGACGCCGA
	3181	CCACCATGAC	GACGACTCCG	CCTCCGAGGC	GGACAGCACG	GACACGGAAC	TGTTGAGAGC

	3241	GGGGCTGCTG	GGGCCGCAGG	GCGTGGATGG	GGGGGCGGTC	TCGGGGGGGA	GCCCCCCCCG
	3301	CGAGGAAGAC	CCCGGCAGTT	GCGGGGGGCG	CCCCCCTCGA	GAGGACGGGG	GGAGCGACGA
	3361	GGGCGACGTG	TGCGCCGTGT	GCACGGATGA	GATCGCGCCC	CACCTGCGCT	GCGACACCTT
5	3421	CCCGTGTCATG	CACCGCTTCT	GCATCCCGTG	CATGAAAACC	TGGATGCAAT	TGCGCAACAC
	3481	CTGCCCGCTG	TGCAACGCCA	AGCTGGTGTA	CCTGATAGTG	GGCGTGACGC	CCAGCGGGTC
	3541	GTTTCAGCACC	ATCCCGATCG	TGAACGACCC	CCAGACCCGC	ATGGAGGCCG	AGGAGGCCGT
	3601	CAGGGCGGGC	ACGGCCGTGG	ACTTTATCTG	GACGGGCAAT	CAGCGTTTCG	CCCCGCGGTA
	3661	CCTGACCCTG	GGGGGGCACA	CGGTGAGGGC	CCTGTCGCCC	ACCCACCCGG	AGCCACCCAC
10	3721	GGACGAGGAT	GACGACGACC	TGGACGACGG	TGAGGCGGGG	GGCGGCAAGG	ACCC'TGGGGG
	3781	AGGAGGAGGA	GGAGGGGGGG	GGAGGGAGGA	ATAGGCGGGC	GGGCGAGGAA	AGGGCGGGCC
	3841	GGGGAGGGGG	CGTAACCTGA	TCGCGCCCCC	CGTTGTCTCT	TGCAGCAGAC	TACGTACCGC
	3901	CCGCCCCCCC	CCGACGCCC	CGCGCCCCCC	CACGCAGAGG	CGCCGCCGCG	CCCCCCGTGA
	3961	CGGGCGGGGC	GTCTCACGCA	GCCCCCCAGC	CGGCCGCGGC	TCGGACAGCG	CCCCCCTCGG
15	4021	CGCCCATCGG	GCCACACGGC	AGCAGTAACA	CCAACACCAC	CACCAACAGC	AGCGCGGGCG
	4081	GCGGCTCCCC	CCAGTTCGCA	GCCGCGGCGC	CGCGGGGGGC	GTCTGGCCCC	TCCGGGGGGG
	4141	TTGGGGTTGG	GGTTGGGGTT	GTTGAAGCGG	AGGCGGGGCG	GCCGAGGGGC	CGGACGGGCC
	4201	CCCTTGTCAA	CAGACCCGCC	CCCCTTGCAA	ACAACAGAGA	CCCCATAGTG	ATCAGCGACT
	4261	CCCCCCCCGG	CTCTCCCCAC	AGGCCCCCCG	CGGCGCCCAT	GCCAGGCTCC	GCCCCCCGCC
	4321	CCGGGCCCCC	CGCGTCCGCG	GCCGCGTCGG	GACCCGCGCG	CCCCCGCGCG	GCCGTGGCCC
20	4381	CGTGCGTGCG	AGCGCCGCCT	CCGGGGCCCC	GCCCCCGCGC	CCCGGGCCCC	GGGGCGGAGC
	4441	CGGCCGCCCC	CCCCGCGGAC	GCGCGCCGTG	TGCCCCAGTC	GCACTCGTCC	CTGGCTCAGG
	4501	CCGCGAACCA	AGAACAGAGT	CTGTGCCGGG	CGCGTGCAGC	GGTGGCGCGC	GGCTCGGGGG
	4561	GGCCGGGCGT	GGAGGGTGGG	CACGGGCCCT	CCGCGGCGCG	CGCCCCCTCC	GCGCGCGCCC
	4621	CGCTCCCCTC	CGCCGCCTCT	GTGAGGAGCG	AGGCGGCGGT	GCGTCCGAGG	AAGAGGCGCG
25	4681	GGTCGGGCCA	GGAAAACCCC	TCCCCCAGT	CCACGCGTCC	CCCCCTCGCG	CCGCGAGGGG
	4741	CCAAGAGGGC	GGCGACGCAC	CCCCCTCCG	ACTCAGGGCC	GGGGGGGCGC	GGCAGGGGTG
	4801	GGCCCGGGAC	CCCCCTGACG	TCCTCGGCGG	CCTCCGCCTC	TTCTCTCTCT	GCTTCTTCTT
	4861	CCTCGGCCCC	GACCCCCGCG	GGGGCCGCC	CTTCCGCGCG	CGGGGCGCGC	TCTTCTCTCC
	4921	CTTCCGCCTC	CTCGGGCGGG	GCCGTCGGTG	CCCTGGGAGG	GAGACAAGAG	GAAACCTCCC
30	4981	TCGGCCCCCG	CGCTGCTTCT	GGGCCGCGGG	GGCCGAGGAA	GTGTGCCCGG	AAGACGCGCC
	5041	ACGCGGAGAC	TTCCGGGGCC	GTCCCCGCGG	GCGGCCTCAC	GCGCTACCTG	CCCATCTCGG
	5101	GGGTCTCTAG	CGTGGTCGCG	CTGTGCGCTT	ACGTGAACAA	GACTATCACG	GGGAGGCTCC
	5161	TGCCCATCCT	GGACATGGAG	ACGGGGAACA	TCGGGGCGTA	CGTGGTCTCG	GTGACCCAGA
	5221	CGGGAACAT	GGCGACCCGG	CTGCGGGCCG	CGGTCCCCGG	CTGGAGCCGC	CGCACCCCTG
35	5281	TCCCCGAGAC	CGCGGGTAAC	CACGTGATGC	CCCCCGAGTA	CCCGACGGCC	CCCGCGTCCG
	5341	AGTGAACAG	CCTCTGGATG	ACCCCCGTGG	GGAACATGCT	GTTGACACAG	GGCACCCCTA
	5401	TGGGCGCCCT	GGACTTCCGC	AGCCTGCGGT	CTCGGCACCC	GTGGTCCGGG	GAGCAGGGGG
	5461	CGTCGACCCG	GGACGAGGGA	AAACAATAAG	GGACGCCCCC	CGTGTTTGTG	GGGAGGGGGG
	5521	GGTCGGGCGC	TGGGTGGTCT	CTGGCCGCGC	CCACTACACC	AGCCAATCCG	TGTCGGGGAG
40	5581	GGGAAAAGTG	AAAGACACGG	GCACCACACA	CCAGCGGGTC	TTTTGTGTTG	GCCCTAATAA
	5641	AAAAAACTC	AGGGGATTTT	TGCTGTCTGT	TGGGAAATAA	AGGTTTACTT	TGTATCTTTT
	5701	TCCCTGTCTG	TGTTGGATGT	ATCGCGGGGA	TGCGTGGGAG	TGGGGGTGCG	TGGGAGTGGG
	5761	GGTGC GTGGG	AGTGGGGGTG	CGTGGGAGTG	GGGGTGCGTG	GGAGTGGGGG	TGCGTGGGAG
	5821	TGGGGGTGCG	TGGGAGTGGG	GGTGCGTGGG	AGTGGGGGTG	CGTGGGAGTG	GGGGTGCCAT
45	5881	GTTGGGCAGG	CTCTGGTGTG	AACCACAGAG	CCGCGGCCCC	GGCTGCCTGA	CCACCGATCC
	5941	CCGAAAGCAT	CCTGCCACTG	GCATGGAGCC	AGAACCACAG	TGGGT'TGGGT	GTGGGTGTTA
	6001	AGTTTCCGCG	AGCGCCTGCC	CGCCCGGACT	GACCTGGCCT	CTGGCCGCCA	CAAAGGGCGG
	6061	GGGGGGTTAA	CTACACTATA	GGGCAACAAA	GGATGGGAGG	GGTGGCGGGG	CGGACCGGGG
	6121	CGCCCAAAAG	GGGGTCGGCC	ACACCACAGA	CGTGGGTGTT	GGGGGGTGGG	GCGGAGGGGT
50	6181	GGGGGGGGGG	GAGACAGAAA	CAGGAACATA	GTTAGAAAAC	AAGAATGCGG	TGCAGCCAGA
	6241	GAATCAGAGG	AGACGAGGGG	ATGGGCGTGT	TGGTTACCAA	CCCACACCCA	GGCATGCTCG
	6301	GTGGTATGAA	GGAGGGGGGG	CGGTGCTTCT	TAGAGACCGC	CGGGGGACGT	GGGGTTGGTG
	6361	TGCAAAGGCA	CGCGCACCCG	CGCGGCCAGG	TGGGCCGGTA	CTCCATCCCC	CCCTCCCCCG
	6421	ACCCTTCCCA	CCCCCGCGTG	CCAGAGATCA	CCCCGGTCCC	CCGGCACCCG	CCA.CTCTTCC
55	6481	GTATCTTCGC	TTTAGGAACA	ACTTTAGGGG	GGGTACACAC	GCGCCGTGCA	TTTCTTCCA
	6541	CACCCCCCCT	CCCCCGCACT	CCCCCCCCCC	AGGCAGTAAG	ACCCAAGCAT	AGAGAGCCAG
	6601	GCACAAAAAC	ACAGGCGGGG	TGGGACACAT	GCCTTCTTGG	AGTACGTGGG	TCA.TTGGCGT
	6661	GGGGGGTTAC	AGCGACACCG	GCCGACCCCC	TGGCGGTCTT	CCAGCCGGCC	CTTAGATAAG
	6721	GGGGCAGTTG	GTGGTTCGGAC	GGGTAAGTAA	CAGAGTCTGA	CTAAGGGTGG	GAGGGGGGGA

	6781	AAAGAACGGG	CTGGTGTGCT	GTAACACGAG	CCCACCCGCG	AGTGGCGTGG	CCGACCTTAG
	6841	CCTCTGGGGC	GCCCCCTGTC	GTTTGGGTCC	CCCCCTCTA	TTGGGGAGAA	GCAGGTGTCT
	6901	AACCTACCTG	GAAACGCGGC	GTCTTTGTTG	AACGACACCG	GGGCGCCCTC	GACGAGTGGG
5	6961	ATAACGGGGG	AGGAAGGGAG	GGAGGAGGGT	ACTGGGGGTG	AAGAAGGGGG	GGGGGAGAA
	7021	CGAGAACAGG	AAAGGCGATG	GAGCCCGGCA	GAACACCGAG	GAAAAA	CCACAGCGCA
	7081	TGCGCCGGGC	CGTTGTGGGG	CCCCGGGCCG	GGGCCCCCTG	GGTCCGCCGG	GGCCCCGGGC
	7141	CGGGCCGCCA	CGGGGGCCGG	CCGTTGGCGG	TAACCCCGAG	TGTTTCATCTC	AGGCCCCGGG
	7201	CCGGGAACCC	GGAAAAGCCT	CCGGGGGGCC	TTTTTCGCGT	CGCGTGCCGG	CGAGCGGGTC
	7261	CGGACGGGGC	CCGGACCGCC	GCGGTGCGGG	GCCCCCTGTC	CCGGGCCGTA	CGCGGCCTTC
10	7321	GCCCCGTGAG	GGGACAGACG	AACGAAACAT	TCCGGCGACG	GAACGAAAAA	CACCCAGAC
	7381	GGGTAAAGA	AACAGAAACC	GCAACCCCA	CCACCCCGGA	AACGGGGAAA	ACGAAAAAAC
	7441	AGACCAGCGG	CCGGCCGGCG	CTTAGGGGGA	GGATGTCGCC	GACGCCCTT	GGCCGCCCG
	7501	GCTGCAGGGG	GGCCCGGAGA	GCCGCGGCAC	CCGGACGCGC	CCGGAAAGTC	TTTCGCACCA
	7561	CCCGCGATCG	GCACGGCCCG	GCCCCCGCTT	TTATAAAGGC	TGAGATGACG	CAGCAAAAAC
15	7621	AGGCCACAGC	ACCACGTGGG	TAGGTGATGT	AATTTTATTT	TCCTCGTCTG	CGGCCTAAATG
	7681	GATTTCCGGG	CGCGGTGCC	CTGTCTGCAG	AGCACTTAAC	GGATTGATAT	CTCGCGGGCA
	7741	CGCGCGCCCT	TAATGGACCG	GCGCGGGGCG	GGGGGCCGGA	TACCCACACG	GGCGGGGGGG
	7801	GGGTGTCGCG	GGCCGTCTGC	TGGCCCGCGG	CCACATAAAC	AATGACTCTG	GGCCTTTCCTG
	7861	CCTCTGCCGC	TTGTGAGTGC	GCGCGCCGGC	TCTGCGGTGT	CGGCGGCGGC	TGCGGCGGCT
20	7921	GCGGCGGCCG	CCGTGTTCCG	TCTCGGTAGC	CGGCCGCGCG	GTGGACTCGC	GGGGGGCCGG
	7981	AGGGTGGAAG	GCAGGGGGGT	GTAGGATGGG	TATCAGGACT	TCCACTTCCC	GTCCTTCCAT
	8041	CCCCCGTTCC	CCTCGGTTGT	TCCTCGCCTC	CCCCAACACC	CCGCCGCTTT	CCGTTGGGGT
	8101	TGTTATTGTT	GTCGGGATCG	TGCGGGCCGG	GGGTGCGCCG	GGCAGGGGCG	GGGGCGTG
	8161	CGGGGGTGCT	CGTCGATCGA	CCGGGCTCAG	CGGTGGGTGG	GGGTGGGTGG	GAGGAGCGGA
25	8221	GGAGACTGGG	GTGGGGGTGT	CGGTGGGTGG	TTGTTT	TGTTT	TGTGTCTGTT
	8281	CCCGTCCCCC	GTCACCCCT	CCCTCCGTCC	CCTCCGTCCC	CCCGTCGCGG	GTGTTTGTGT
	8341	TTGTTTATTC	CGACATTGGT	TTATTTAAAT	AAACACAGCC	GTTCTGCGTG	TCTGTTCTTG
	8401	CGTGTGGCTG	GGGGCTTATA	TGTGGGGTCC	CGGGGGCGGG	ATGGGGTTTA	GCGGCGGGGG
	8461	GCGGCGCGCC	GGACGGGGCG	CTGGAGATAA	CGGCCCCCGG	GGAACGGGGG	ACCGGGGCTG
30	8521	GGTATCCCGA	GGTGGGTGGG	TGGGCGGCGG	TGGCCGGGCC	GGGCCGGGCC	GGGCCGGGCC
	8581	GGGTGGGCGG	GGTTTGGA	AACGAGGAGG	AGGAGGAGAA	GGCGGGGGGG	GGGGAGACGG
	8641	GGGGAAAGCA	AGGACACGGC	CCGGGGGGTG	GGAGCGCGGG	CCGGGCGCGG	CGTAAGAGCC
	8701	GCGACCCGGC	CGCCGGGGAG	CGTTGTGCGC	GTCGGTCTGC	CGGCCCCCGT	CGTCCCTTTT
35	8761	TTTGACCAAC	CAGCGCCCCC	CCCCCCCCCT	ACCACCATTC	CTACTACCAC	CACCACCACC
	8821	ACCACCGACA	CCTCCCGCGC	ACCCCGCCCC	ACATCCCCCC	CCAACCCGCA	CCACCAGCAC
	8881	GGGTG	GGGGG	TAGCAGGGGA	TCAAAGGGGG	GCAAAGCGGC	GGGGCGGTTT
	8941	GGGGGGGGCG	GGAAACCAAG	TAGGCCCGCC	CATCCGCGGC	CCCTCCCGGC	AGCCACGCC
	9001	CCAGCGTCGG	GTGTCACGGG	GAAAGAGCAG	AGGGGAGAGG	GGAGAGGGGG	GGAGAGGGGA
	9061	GAGGGGGGGA	GAGGGGAGAG	GGGGGAGAGG	GGGAGAGGGG	GGGAGAGGGG	AGAGGGGGGG
40	9121	AGAGGGGAGA	GGGGGGGAGA	GGGGGAGAGG	GGGGGAGAGG	GAGAGGGGGG	GAGAGGGGAG
	9181	AGGGGGGGAG	AGGGGAGAGG	GGGGGAGAGG	GGGTATATAA	ACCAACGAAA	ACGCGGGGAA
	9241	CGGGGATACG	GGGCTTGTTG	GGCACGACGT	CGTGGTTGTG	TTACTGGGCA	AACACTTGGG
	9301	GACTGTAGGT	TTCTGTGGGT	GCCGACCCTA	GGCGCTATGG	GGATTTTGGG	TTGGGTGCGG
	9361	CTTATTGCCG	TTGGGGTTTT	GTGTGTGCGG	GGGGGCTTGC	CTTCAACCGA	ATATGTTATT
45	9421	CGGAGTCGGG	TGGCTCGAGA	GGTGGGGGAT	ATATTAAAGG	TGCCTTGTGT	GCCGCTCCCG
	9481	TCTGACGATC	TTGATTGGCG	TTACGAGACC	CCCTCGGCTA	TAAACTATGC	TTTGATAGAC
	9541	GGTATATTTT	TGCGTTATCA	CTGTCCCGGA	TTGGACACGG	TCTTGTGGGA	TAGGCATGCC
	9601	CAGAAGGCAT	ATTGGGTAA	CCCCTTTTTA	TTTGTGGCGG	GTTTTTTTGA	GGACTTGAGT
	9661	TACCCCGCGT	TTCTTGCCAA	CACCCAGGAA	ACAGAAACGC	GCTTGGCCCT	TTATAAAGAG
50	9721	ATACGCCAGG	CGCTGGACAG	TCGCAAGCAG	GCCGCCAGCC	ACACCCCTGT	GAAGGCTGGG
	9781	TGTGTGAAC	TTGACTATT	GCGCACCCGC	CGCTGTGTAG	GGCGACAGGA	TTTGGGACCT
	9841	ACCAACGGAA	CGTCTGGACG	GACCCCGGTT	CTGCCGCCGG	ACGATGAAGC	GGGCCTGCAG
	9901	CCGAAGCCCC	TCACCACGCC	GCCGCCCATC	ATCGCCACGT	CGGACCCAC	CCCGCGACGG
	9961	GACGCCGCCA	CAAAAAGCAG	ACGCCGACGA	CCCCACTCCC	GGCGCCTCTA	ACGATGCCTC
55	10021	GACGGAAACC	CGTCCGGGTT	CGGGGGGCGA	ACCGGCCGCC	TGTCGCTCGT	CAGGGCCGGC
	10081	GGCGCTCCTC	GCCGCCCTAG	AGGCTGGTCC	CGCTGGTGTG	ACGTTTTTCT	CGTCCGCGCC
	10141	CCCCGACCCT	CCCATGGATT	TAACAAACGG	GGGGGTGTG	CCTGCGGCGA	CCTCGGCGCC
	10201	TCTGGACTGG	ACCACGTTTC	GGCGTGTGTT	TCTGATCGAC	GACGCGTGGC	GGCCCTGAT
	10261	GGAGCCTGAG	CTGGCGAACC	CCTTAACCGC	CCACCTCCTG	GCCGAATATA	ATCGTCGGTG

10321 CCAGACCGAA GAGGTGCTGC CGCCGCGGGA GGATGTG TTT TCGTGGACTC GTTATTGCAC  
 10381 CCCCACGAG GTGCGCGTGG TTATCATCGG CCAGGAC CCA TATCACCACC CCGGCCAGGC  
 10441 GCACGGAATT GCGTTTAGCG TCGCGCGGAA CCGTCCG CCT CCCCCGAGTC TTCGGAATGT  
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 5 10561 AAAGTGGGCG CGGGACGGCG TCCGTGTACT AAACACG ACC CTGACCGTCA AGCGCGGGGC  
 10621 GCGCGCGTCC CACTCTAGAA TCGGTTGGGA CCGTTTC GTG GCGGGAGTTA TCCGCCGGTT  
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 10 10861 GATTTCACCC ATCGACTGGT CCGTTTGAAA GGCATCG ACC TCCGGGGTTT TTGTCGGTGG  
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 11221 TGTACCGACG GGCCCTACGT GACGTTTGAT ACCCTGT TTA TGGTGTCTGC GATCGACGAA  
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 11341 TTTAGCATTC CGTGCACCAA GACCTCTCTG TTTTCGG GAA ACGCCCGCG CCACCACAGA  
 11401 CGCGGGGCGT TCCAGCGCGG CACGCGGGCG CCGCGCA GCA ACAAAGCCT CCAGATGTTT  
 20 11461 GTGTTGTGCA AACCGGCCCA CGCCGCTCGA GTGCGAG AGC AGCTTCGGGT CGTTATTCTAG  
 11521 TCCCGCAAGC CGCGCAAGTA TTACACGCGA TCTTCGG SACG GCGGCTCTG CCCC GCCGTC  
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 11641 ATGCTGGCCT CGGGGGCCGA GTAACCGCCC CCCCCC ATG CCACCTCAC TGCCCGTCGC  
 11701 GCGTGTTTGA TGTTAATAAA TAACACATAA ATTTGGCTGG TTGTTTGTG TGTGTTAGG  
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 11881 AGCACCTCTA CCAGCAGGTC CGCGGTGGGC TGGAGAA ACT CGGCCGTCCC GGGGCAGGCG  
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 12301 ATGATCGCGC GGGTGCCGTA CTCAAAAACA TGCACCA CCT GCGCGGCGTC GGGCAGTGCG  
 35 12361 CTGGTCAGCG AGGCCCTGGC GTGGCATAGG CTATACG CGA TGGTCTGCTG TGGATTGGAC  
 12421 ATCTCGCGGT GGGTAGTGAG TCCCCCGGGC CGGGTTCTGGT GGAAGTGTAA GGGGACGGCG  
 12481 GGTAAATAGA CAATGACCAC GTTCGGATCG CGCAGAG CCG ATAGTATGTG CTCACTAATG  
 12541 ACGTCATCGC GCTCGTGGCG CTCCCGGAGC GGATTTAAGT TCATGCGAAG GAATTCGGAG  
 12601 GAGGTGGTGC GGGACATGGC CACGTACGCG CTGTTGAGGC GCAGGTTGCC GGGCGTAAAG  
 40 12661 CAGATGGCGA CCTTGTCCAG GCTAAGGCC TGGGAGCGCG TGATGGTCAT GGCAAGCTTG  
 12721 GAGCTGATGC CGTAGTCGGC GTTTATGGC ATGGCCAGCT CCGTAGAGTC AATGGACTCG  
 12781 ACAAACTCGC TGATGTTGGT GTTGACGACG GACATGAAGC CGTGTTGGTC CCGCAAGACC  
 12841 ACGTAAGGCA GGGGGGCTCT TTCCAGTAAC TCGGCCACGT TGGCCGTCGC GTGCCGCTC  
 45 12901 CGCAGCTCGT CCGCAAAGGC AAACACCCGT GCGTACGTGT ATCCCATGAG CGTATAATTG  
 12961 TCCGTCTGCA GGGCGACGGA CATCAGCCCC CCGCGCGGCG AGCCGGTCAG CATCTCGCAG  
 13021 CCCCAGGAAGA TAACGTTGTC CACGTACGTG CTAAAGGGGG CGACTTCAAA TGCTCCCCG  
 13081 AAGAGCTCTT GGAGGATTCT GAATCTCCCG AGGAAGGCCG GCTTCAGCAG CGCAAACCTG  
 13141 GTGTGAACGG CGGCGGTGGT CTCCGGTTCC CCGGGGGTGT AGTGGCAGTA AAACACGTCG  
 13201 AGCTGTTGTT CGTCCAGCCC CGCGAAAATA ACGTCGAGGT CGTCGTCCGG AAAATCGTCC  
 50 13261 GGGCCCCCGT CCGCGGGCCC CAGTTGCTTA AAATCAACG CACGCTCGCC GGGGGCGCCT  
 13321 CGCTCGGCCA TTACCGACGC CTGCGTCGGC ACCCCGGAAG ATTTGGGGCG CAGAGACAGA  
 13381 ATCTCCGCCG TTAGTTCTCC CATGCGGGCG TAGGCGAGGG TCCTCTGGGT CGCATCCAGG  
 13441 CCGGGGCGCT GCAGAAAGTT GTAAAAGGAG ATAAGCC CGC TAAATATGAG CCGCGACAGG  
 13501 AACCTGTAGG CAAACTCCAC CGAAGTCTCC CCCTGAGTCT TTACAAAGCT GTCGTACAGC  
 55 13561 AACACTGCCT CGAAGGCCCG GAACGTCCCA CTAAACCCAA AAACCAGTTT TCGCAGGCGC  
 13621 GCGGTCACCG CGATCTGGCT GTTGAGGACG TAAGTGACGT CGTTGCGGGC CACGACCAGC  
 13681 TGCTGTTTGC TGTGCACCTC GCAGCGCATG TGCCCCGCGT CCTGGTCCTG GCTCTGCGAG  
 13741 TAGTTGGTGA TGCGGCTGGC GTTGCCCGTG AGCCACT TTT CAATCGTCAAG GCCGGGCTGG  
 13801 TGTGTCAGCC GTCGGTATTC GTCAAACCTC TTGACCAGCA CGAACGTAAG CACGGGGAGG

	13861	GTGAACACGA	CGAACTCCCC	CTCACGGGTC	ACCTTCAGGT	AGGCGTGGAG	CTTGGCCATG
	13921	TACGCGCTCA	CCTCTTTGTG	GGAGGAGAAC	AGCCGCGTCC	AGCCGGGGAG	GTTGGCGGGG
	13981	TTGGTGATGT	AGTTTTCGG	GACGACGAAG	CGATCCACGA	ACTGCATGTG	CTCCTCGGTG
5	14041	ATGGGCAGGC	CGTACTCCAG	CACCTTCATG	AGGTTACCGA	ACTCGTGCTC	GACGCACCGT
	14101	TTGTTGTAA	TAAAAATGGC	CCAGCTATAC	GAGAGGCGGG	CGTACTCGCG	CAGCGTGCGG
	14161	TTGCAGATGA	GGTACGTGAG	CACGTTCTCG	CTCTGGCGGA	CGGAACACCG	CAGTTTCTGG
	14221	TGCTCGAAGG	TCGACTCCAG	GGACGCCGTC	TGCGTCGGCG	AGCCACACA	CACCAACACG
	14281	GGCCGAGGC	GGGCCGCGTA	CTGGGGGGTG	TGGTACAGGG	CGTTAATCAT	CCACCAGCAA
	14341	TACACCACGG	CCGTGAGGAG	GTGACGCCCA	AGGAGCCCGG	CCTCGTCGAT	GACGATCACG
10	14401	TTGCTGCGGG	TAAAGGCCGG	CAGCGCCCCG	TGGGTGGCCG	GGGCCAACCG	CGTCAGGGCG
	14461	CCCTCGGCCA	ACCCAGGGT	CCGTTCCAGG	GCGGCCAGGG	CGCGAACTC	GTTCCGCAAC
	14521	TCCTCGCCCC	CGGAGGCGGC	CAGGGCGCGC	TTCTGTAGGT	CCAAAATCAC	CTCCAGTAG
	14581	TACGTCAGAT	CTCGTCGCTG	CAGGTCCTCC	AGCGAGGCGG	GGTTGCTGGT	CAGGGTGTAC
	14641	GGGTACTGTC	CCAGTTGGGC	CTGGACGTGA	TTCCCGCGAA	ACCCAAATTC	ATGAAAGATG
15	14701	GTGTTGATGG	GTCGGCTGAG	AAAGGCGCCC	GAGAGTTTGG	CGTACATGTT	TTGGGCCGCA
	14761	ATGCGCTGG	CGCCCGTCAC	CACACAGTCC	AAGACCTCGT	TGATTGTCTG	CACGCACGTG
	14821	CTCTTTCCGG	AGCCAGCGTT	GCCGGTGATA	AGATAACCCG	CGAACGGAAA	CTCCCTGAGG
	14881	GGCAGGCCTG	CGGGGGACTC	TAAGGCCGCC	ACGTCCCAGG	ACCACTGCAG	ATGGGGCACT
	14941	TGCGCTCCGT	CGAGCTGTTG	TTGCGAGAGC	TCTCGGATGC	GCTTAAGGAT	TGGCTGCACC
20	15001	CCGTGCATAG	ACGTAAAATT	TAAAAGGCC	TCGGCCCTCC	CTGGAACGGC	TGGTCGGTCC
	15061	CCGGGTTCGT	GAAGGTGCGG	CGGGCCGGGT	TTCTGTCCGT	CTAGCTGGCG	CTCCCCGCCG
	15121	GCCGCCGCCA	TGACCGCACC	ACGCTCGCGG	GCCCCACTA	CGCGTGCGCG	GGGGGACACG
	15181	GAAGCGCTGT	GCTCCCCCGA	GGACGGCTGG	GTAAAGGTTT	ACCCAGCCCC	CGGTACGATG
	15241	CTGTTCCGCG	AGATTCTCCA	CGGGCAGCTG	GGGTATACCG	AGGGCAGGGG	GGGTATACAA
25	15301	CTCGTCCGGT	CCAGCGAGGC	GACCAACCCG	CAGCTGCAGG	CGGCGATCTT	TCACGCGCTC
	15361	CTCAACGCCA	CCACTTACCG	GGACCTCGAG	GCGGACTGGC	TCGGCCACGT	GGCGGCCCGC
	15421	GGTCTGCAGC	CCCAACGGCT	GGTTCGCCCG	TACAGGAACG	CCCGGGAGGC	GGATATCGCC
	15481	GGGGTGGCCG	AGCGGGTGTT	CGACACGTGG	CGGAACACGC	TTAGGACGAC	GCTGCTGGAC
	15541	TTTGCCACG	GGTTGGTCGC	CTGCTTTGCG	CCGGGCGGCC	CGAGCGGCC	GTCAAGCTTC
30	15601	CCCAAATATA	TCGACTGGCT	GACGTGCCTG	GGGCTGGTCC	CCATATTACG	CAAGCGACAA
	15661	GAAGGGGGTG	TGACGCAGGG	TCTGAGGGCG	TTTCTCAAGC	AGCACCCGCT	GACCCGCCAG
	15721	CTGGCCACGG	TCGCGGAGGC	CGCGGAGCGC	GCCGGCCCCG	GGTTTTTTGA	GCTGCGCTG
	15781	GCCTTCGACT	CCACGCGCGT	GGCGGACTAC	GACCGCGTGT	ATATCTACTA	CAACCAACGC
	15841	CGGGGCGACT	GGCTCGTGCG	AGACCCCATC	AGCGGGCAGC	GCGGAGAATG	TCTGGTGCTG
35	15901	TGGCCCCCT	TGTGGACCGG	GGACCGTCTG	GTCTTCGATT	CGCCCGTCCA	GCGGCTGTTT
	15961	CCCGAGATCG	TCGCGTGTC	CTCCCTCCGG	GAACACGCGC	ACGTCTGCCG	GCTGCGCAAT
	16021	ACCGCGTCCG	TCAAGGTGCT	GCTGGGGCGC	AAGAGCGACA	GCGAGCGCGG	GGTGGCCGGT
	16081	GCCGCGCGGG	TCGTTAACAA	GGTGTGGGG	GAGGACGACG	AGACCAAGGC	CGGGTCGGCC
	16141	GCCTCGCGCC	TCGTGCGGCT	TATCATCAAC	ATGAAGGGCA	TGCGCCACGT	AGGCGACATT
40	16201	AACGACACCG	TGCGTTCTTA	CCTCGACGAG	GCCGGGGGGC	ACCTGATAGA	CGCCCCGGCC
	16261	GTCGACGGTA	CCCTCCCTGG	ATTGCGCAAG	GGCGGAAACA	GCCGCGGGTC	TGCGGGCCAG
	16321	GACCAGGGGG	GGCGGGCGCC	GCAGCTTCGC	CAGGCCTTCC	GCACGGCCGT	GGTTAACAA
	16381	ATCAACGGCG	TGTTGGAGGG	CTATATAAAT	AACCTGTTTG	GAACCATCGA	GCGCCTGCGC
45	16441	GAGACCAACG	CGGGCCTGGC	GACCCAATTG	CAGGAGCGCG	ACCGCGAGCT	CCGGCGCGCA
	16501	ACAGCGGGGG	CCCTGGAGCG	CCAGCAGCGC	GCGGCCGACC	TGGCGGCCGA	GTCCGTGACC
	16561	GGTGGATGCG	GCAGCCGCCC	TGCGGGGGCG	GACCTGCTCC	GGGCCGACTA	TGACATTATC
	16621	GACGTCAGCA	AGTCCATGGA	CGACGACACG	TACGTCGCCA	ACAGCTTTCA	GCACCCGTAC
	16681	ATCCCTTCGT	ACGCCCAGGA	CCTGGAGCGC	CTGTGCGGCC	TCTGGGAGCA	CGAGCTGGTG
	16741	CGCTGTTTTA	AAATTCTGTG	TCACCGCAAC	AACCAGGGCC	AAGAGACGTC	GATCTCGTAC
50	16801	TCCAGCGGGG	CGATCGCCCG	ATTGCTCGCC	CCCTACTTTG	AGTCAGTGCT	TCGGGCCCCC
	16861	CGGGTAGCGG	CGCCCATCAC	GGGCTCCGAT	GTCATCCTGG	GGGAGGAGGA	GTTATGGGAT
	16921	GCGGTGTTTA	AGAAAACCCG	CCTGCAAAACG	TACCTGACAG	ACATCGCGGC	CCTGTTCTGTC
	16981	GCGGACGTCC	AGCACGCAGC	GCTGCCCCCG	CCCCCTCCC	CGGTGCGCGC	CGATTTCCGG
	17041	CCCGGCGCGT	CCCCGCGGGG	CCGGTCCAGA	TCGCGGTGCG	CCGGAAGAAC	TGCGCGAGGC
55	17101	GCGCCGGACC	AGGGCGGGGG	CATCGGGCAC	CGGGATGGCC	GCCGCGACGG	CCGACGATGA
	17161	GGGGTCGGCC	GCCACCATCC	TCAAGCAGGC	CATCGCCGGG	GACCGCAGCC	TGGTCGAGGC
	17221	GGCCGAGGCG	ATTAGCCAGC	AGACGCTGCT	CCGCCTGGCC	TGCGAGGTGC	GCCAGGTCGG
	17281	CGACCGCCAG	CCGCGGTTTA	CCGCCACCAG	CATCGCGCGC	GTCGACGTGC	CGCTGGGTG
	17341	CCGGTTGCGG	TTCGTTCTGG	ACGGGAGTCC	CGAGGACGCC	TATGTGACGT	CGGAGGATTA

	17401	CTTTAAGCGC	TGCTGCGGCC	AGTCCAGTTA	TCGCGGCTTC	GCGGTGGCGG	TCCTGACGGC
	17461	CAACGAGGAC	CACGTGCACA	GCCTGGCCGT	GCCCCCCTC	GTTCTGCTGC	ACCGGTTCTC
	17521	CCTGTTCAAC	CCCAGGGACC	TCCTGGACTT	TGAGCTTGCC	TGTCTGCTGA	TGTACCTGGA
5	17581	GAAGTGGCCC	CGAAGCCACG	CCACCCCGTC	GACCTTTGCC	AAGGTTCTGG	CGTGGCTCGG
	17641	GGTCGCGGGT	CGCCGCACGT	CCCCATTGCA	ACGCGTTCGC	TGCCTTTTCC	TCCGCAGTTG
	17701	CCACTGGGTC	CTAAACACAC	TCATGTTTAT	GGTGATCGTA	AAACCGTTCC	ACGACGAGTT
	17761	CGTCCTGCCC	CACCTGGTACA	TGGCCCGGTA	CCTGCTGGCC	AACAACCCGC	CCCCCGTTCT
	17821	CTCGGCCCTG	TTCTGTGCCA	CCCCGACGAG	CTCCTCATTC	CGGCTGCCGG	GGCCGCCCCC
	17881	CCGCTCCGAC	TGCGTGCCCT	ATAACCCCGC	CGGGATCATG	GGGAGCTGCT	GGGCGTCGGA
10	17941	GGAGGTGCGC	GCGCCTCTGG	TCTATTGGTG	GCTTTTCGGAG	ACCCCAAAAC	GACAGACGTC
	18001	GTCGCTGTTT	TATCAGTTTT	GTTGAATTTT	AGGAAATAAA	CCCGGTTTTG	TTTCTGTGGC
	18061	CTCCCGACGG	ATGCGCGTGT	CCTTACTCCG	TCTTGGTGGG	TGGGTGGCTG	TGTATGGCGT
	18121	CCCATCTGTG	CGGGGAGGGG	GGCAAGTCGG	CACGTATTCG	GACAGACTCA	AGCACACACG
	18181	GGGGAGCGCT	CTTGTCTCAG	GGCAATGTTT	TTATTGGTCA	AACTCAGGCA	AACAGAAACG
15	18241	ACATCTTGTC	GTCAAAGGGA	TACACAAACT	TCCCCCCTC	GCCCCATACT	CCCCCGAGCA
	18301	CCCCGGTAAA	CACCAACTCA	ATCTCGCGCA	GGATTTCGCG	CAGGTGATGA	GCGCAGTCCA
	18361	CGGGGGGGAG	CACAAGGGGC	CGCGGGTATA	GATCGACGGG	GACGCCGACC	GACTCCCCGC
	18421	CTCCGGGACA	GACACGCACG	ACGCGCCGCC	AGTAGTGCTC	TGCGTCCAGC	AAGGCGCCGC
	18481	CGCGGAAGGC	AGTGGGGGGC	AAGGGGTGCG	TGGCCTCAAA	GGGGGACACC	CGAACGCTCC
20	18541	AGTACTCCGC	GTCCAACCGT	TTATTAAACG	CGTCCAAGAT	AAGGCGGTCC	CAGGCGTCCT
	18601	CCATAAGGCC	CCGGGCCCGT	AGTGCGTCCT	CCTCCGGCAC	GCATGCCGTT	GTCAGGCCCA
	18661	GGACCCGTCG	CAGCGTGTCT	CGTACGACCC	CTGCCGCCGT	GGTGTACGCG	GGCCCGCGGA
	18721	GAGGAAATCC	CCCAAGATGG	TCAGTGTTGT	CGCGGGAGTT	CCAGAACCAC	ACTCCCGCCT
	18781	GGCTCCAGGC	GACTGCGTGG	GTGTAGACGC	CCTCGAGGGC	CAGGCACAGT	GGGTGCCGCA
25	18841	GCCGGACGGC	GTTGGCCCTA	ATGACGCGTC	CCACGGCCGT	CTCGATGGCC	CGCCGGGCGT
	18901	CCTCGATCAC	CCCGGAAGCC	GCATCCGCGT	CTTGGGGGTC	CACGTTAAAG	ACACCCCAAG
	18961	ACGCACCCCC	ATCGCCCCCG	CAGACCGCGA	ACTTCACCGA	GCTGGCCGTC	TCCTCGATCT
	19021	GCAGGCAGAC	GGCGGCCATT	ACCCACCCCA	GGAGCTGCCG	CAGCGCAGGG	CAGGCGTTGC
	19081	ACGTGTCCGG	GACCAGGCGC	TCCAAGACGG	CCCCGGCCCA	GGGCTCTGAG	GGAGCGGCCA
30	19141	CCACCAGCGC	GTCCAGTCTT	GCTAGGCCCG	TCCGGCCGTG	GGGGTCCGCC	AGCCCGCTCC
	19201	CCCCGAGGTC	GGCCAGGGCC	GCCAGGAGCT	GGGCGCGAAG	TCCGGGGAAG	CAAAACCGCG
	19261	CCGTCCAGAC	GGGCCCCGAC	GCCGCGGGCG	GGTCTAACAG	TTGGATGATT	TTAGTGGCGG
	19321	GATGCCACCG	CGCCACCGCC	TCCCGCACCG	CGGGCAGGAG	GCATCCGGCT	CCGCGCCGAG
	19381	CCACGCCGGG	CCAGGCTCGC	GGGGGGAGGA	CGACCCTGGC	CCCCACCGCG	GGCCAGGCCC
35	19441	CCAGGAGCGC	GGCGTAAGCG	GCCGCGGCCC	CGCGCACCAG	GTCCCGTGCC	GACTCGGCCG
	19501	TGGCCGGCAC	GGTGAACGTG	GGCCAACCCG	GAAACCCAG	GACGGCAAAG	TACGGGACGG
	19561	GTCCCCCCCC	GACCTCAAAC	TCGGGCCCCA	GAAAGGCAAA	GACGGGGGCC	AGGGCCCCCG
	19621	GGGCGGCGTG	GACCGTGGTA	TGCCACTGCC	GGAAAAGGGC	GACGAGCGCC	GGCGCGGAGA
	19681	ACTTCTCGCC	GGCGCTTACA	AAGTAGTCGT	AATCGCGGGG	CAGCAGCACC	CGTGCCGTGA
40	19741	CTCGTTGCGG	GTGCCCCGCT	GGCCGCAGGC	CCACCTCGCA	CACCTCGACC	AGGTCCCCGA
	19801	ACGCGCCCTC	CTTCTTGATC	GGCGGAAACG	CAAGAGTCTG	GTATTGCGCG	GCAAATAGCG
	19861	CGGTTCCGGT	GGTGATGTTA	ACGGTCAGCG	AAGCGGCGGA	CGCGCATGG	GGGTGCTCGC
	19921	GAATGGCCGC	CAGGCGCGCC	CACGCCAGCC	GCGCGTCGGG	ATGCTCGGCA	ACGCGCGCCG
	19981	CCAGGGCCAT	AGGGTCGATG	TCAATGTTGG	CCTCCGCGAC	CAGGAGAGCG	GCGCGAGGGG
45	20041	CGGCGGGCGG	GCCCCACGAC	GCTCTCTCAA	CTTTCACCAC	CAGTCCCGTG	CGTGGGTCCG
	20101	AGCCGATACG	CAGCGGGGCG	AACAGGGCCA	CCGGCCCGGT	CTGGCGCTCC	AGGGCCGCCA
	20161	GGACGCACGC	GTACAGCGCC	CGCCACAGAG	TCCGGTTCTC	CAGGGGCTCC	AGCGGGGAGG
	20221	CGGCCGGCGT	CGTCGCGGCG	CGGGCGGCCG	CCACGACGGC	CTGGACGGAG	ACGTCCGCGG
	20281	AGCCGTAGAA	ATCCCCGAGC	TCCGTGCGCG	TGACGGAGAC	CTCCGCAAA	GCGCGCGGAC
50	20341	CCTCCCCCTG	GGCGTTGCGA	CATACAAAAT	ACACAGGGC	GTGGAAGTAC	TCGCGAGCGC
	20401	GGGGGGGCGA	CCATACCGCG	TAAAGGGTAA	TGGCGCTGAC	GCTCTCCTCC	ACCCACACGA
	20461	TATCTGCGGT	GTCCATCGCA	CGGCCCCTAA	GGATCACGGG	CGGTCTGTGG	GTCCCATGCT
	20521	GCCGTGCCTG	GCCGGGCCCC	GTGGGTGCGG	GAAACCGGTG	ACGGGGGGGG	GGCGGTTTTT
	20581	GGGGTTGGGG	TGGGGGTGGG	AAACGGCCCC	GGTCCGGGGG	CCAACTTGGC	CCCTCGGTGC
55	20641	GTTCCGGCAA	CAGCGCCGCC	GGTCCGCGGA	CGACCACGTA	CCGAACGAGT	GCGGTCCCGA
	20701	GACTTATAGG	GTGCTAAAGT	TCACCGCCCC	CTGCATCATG	GGCCAGGCCT	CGGTGGGGAG
	20761	CTCCGACAGC	GCCGCCTCCA	GGATGATGTC	AGCGTTGGGG	TTGGCGCTGG	ATGAGTGCCT
	20821	GCGCAAACAG	CGCCCCCACG	CGGGCACGCG	TAGCTTGAAG	CGCGCGCCCC	CAAACCTCCG
	20881	CTTGTGGGCC	ATAAGCAGGG	CGTACAGCTG	CCTGTGGGTC	CGGCAGGCGC	TGTGGTTCAT

	20941	GTGGTGGGCG	TCCAACAACC	CCACGATTGT	CTGTTTGGTG	AGGTTTTTAA	CGCGCCCCGC
	21001	CCCGGGAAAC	GTCTGCGTGC	TTTTGGCCAT	CTGCACGCCA	AACAGTTCGC	CCCAGATTAT
	21061	CTTGAACAGC	GCCACCGCGT	GGTCCGCTCT	GCTAACGGAC	CCGCGCGGGG	GACAGCCGCT
5	21121	TAGGGCGTCG	GCGACGCGCT	TGACGGCTTC	CTCCGAGAGC	AGAAGTCCGT	CGGTTACGTT
	21181	ACAGTGGCCC	AGTTCGAACA	CCAGCTGCAT	GTAGCGGTCG	TAGTGGGGGG	TCAGTAGGTC
	21241	CAGCACGTCA	TCGGGGCCGA	AGGTCTCTCC	AGATCCCCCG	GCCGCCGAGT	CCCAATGCAG
	21301	GCGCGCGGCC	ATGGTGCTGC	ACAGGCACAA	CAGCTCCCAG	ACGGGGGTTA	CGTTCAGGGT
	21361	GGGGGGCAGG	GCCACGAGCT	CCAGCTCTCC	GGTGACGTTG	ATCGTGGGGA	TGACGCCCGT
	21421	GGCGTAGTGG	TCATAGATCC	GCCGAAATAT	GGCGCTGCTG	CGGGTGGCCA	TGGGAACGCG
10	21481	GAGACAGGCC	TCCAGCAACG	CCAGGTAAAT	AAACCGCGTG	CGTCCCATCA	GGCTGTTGAG
	21541	GTTGCGCATG	AGCGCGACAA	TTTCCGCCGG	CGCGACATCG	GACCGGAGGT	ATTTTTTCGAC
	21601	GAAAAGACCC	ACCTCCTCCG	TCTCGGCGGC	CTGGGCCCGC	AGCGACGCC	CGGGATCCCC
	21661	GCACCGCAGC	TCCCGTAGAT	CGCGCTGGGC	CCTGAGGGCG	TCGAAATGTA	CGCCCCGCAA
	21721	AAACAGACAG	AAGTCCTTTG	GGGTCAGGGT	ATCGTCGTGT	CCCCAGAAGC	GCACGCGTAT
15	21781	GCAGTTTAGG	GTCAGCAGCA	TGTGAAGGAT	GTTAAGGCTG	TCCGAGAGAC	ACGCCAGCGT
	21841	GCATCTCTCA	AAGTAGTGTT	TGTAACGGAA	TTTGTTGTAG	ATGCGCGACC	CCCGCCCCAG
	21901	CGACGTGTCT	CATGCCGACG	CGTCACAGCG	CCCCTTGAAC	CGGCGACACA	GCAGGTTTGT
	21961	GACCTGGGAG	AACTGCGCGG	GCCACTGGCC	GCAGGAACTG	ACCACGTGAT	TAAGGAGCAT
	22021	GGGCGTAAAG	ACGGGCTCCG	AGCGCGCCCC	GGAGCCGTCC	ATGTAAATCA	GTAGCTCCCC
20	22081	CTTGCGGAGG	GTGCGCACCC	GTCCCAGGGA	CTGGTACACG	GACACCATGT	CCGTCCTGTA
	22141	GTTTCATGGGT	TTCACGTAGG	CGAACATGCC	ATCAAAGTGC	AGGGGATCGA	AGCTGAGGCC
	22201	CACGGTTACG	ACCGTCGTGT	ATATAACCAC	GCGGTATTGG	CCCCACGTGG	TCACGTCCCC
	22261	GAGGGGGGTG	AGCGAGTGAA	GCAACAGCAG	GCGGTCCGTA	AACTGACGGC	AGAACCGGGC
	22321	CACGATCTCC	GCGAAGGAGA	CCGTCGACGA	AAAAATGCAG	ATGTTATCGC	CCCCGCCAAG
25	22381	GCGCGCTTCC	AGTCCCCCAA	AGAACGTGGC	CCCCCGGGCC	TCCGGAGAGG	TCTCCGGAGA
	22441	CGGGCCGCTC	GGCGGCCCGG	GCGGGCGCAG	GGCAGCCTGC	AGGAGCTCGG	TCCCCAGACG
	22501	CGGGAGAAAC	AGGCACCGGC	GCGCCGAAAA	CCCCGGCATG	GCGTACTCGC	CGACCACCAC
	22561	ATGCACGTTT	TTTTCGCCCC	GGAGACCGCA	CAGGAAGTCC	ACCAACTGCG	CGTTGGCGGT
	22621	TGCGTCCATG	GCGATGATCC	GAGGACAGAT	GCGCAGCAGG	CGTAGCATTA	ACGCATCCAC
30	22681	GCGGCCCAGT	TGCTGCATCG	TTGGCGAATA	GAGCTGGCCC	AGCGTCGACA	TAACCTCGTC
	22741	CAGAACGAGG	ACGTTCGTAGT	TGTTTCAGAA	GTTGGGGCCC	ACGCGATGAA	GGCTTTCCAC
	22801	CTGGACGATA	AGTCGGTGGA	AGGGGCGGTG	GTTTCATAATG	TAATTGGTGG	ATGAGAAGTA
	22861	GGTGACAAAG	TCGACCAGGC	CTGACTCAGC	GAACCGCGTC	GCTAGGGTCT	GGGTAAAAC
	22921	CCGACGACAG	GAGACGACGA	GCACACTCGT	GTCCGGAGAG	TGGATCGCTT	CCCGCAGCCA
35	22981	GCGGATCAGC	GCGGTAGTTT	TTCCCGACCC	CATTGGCGCG	CGGACCACAG	TCACGCACCT
	23041	GGCCGTCGGG	GCGCTCGCGT	TGGGGAAGGT	GACGGGTCCG	TGCTGCTGCC	GCTCGATCGT
	23101	TGTTTTTCGGG	TGAACCCGGG	GCACCCATT	GGCCAAATCC	CCCCCGTACA	ACATCCGCGC
	23161	TAGCGATACG	CTCGACGTGT	ACTGTTTCGCA	CTCGTCGTCC	CCAATGGGAC	GCCCGGCCCC
	23221	CAGAGGATCT	CCCGACTCCG	CGCCCCCAC	GAAAGGCATG	ACCGGGGCGC	GGACGGCGTG
40	23281	GTGGGTCTGG	TGTGTGCAGG	TGGCGACGTT	TGTGGTCTCT	GCGGTCTGCG	TCACGGGGCT
	23341	CCTCGTCTTG	GCCTCTGTGT	TCCGGGCACG	GTTTCCCTGC	TTTACGCCA	CGGCGAGCTC
	23401	TTATGTCGGG	GTGAACCTCA	CGGCGAGGT	GTCGCGGGGT	GTAGCCTGCG	CCCTCAGGTT
	23461	GGACACGCAG	AGCCTTGTGG	GCACTTATGT	AATCACGGCC	GTGTTGTTGT	TGGCCGTGGC
	23521	CGTGATAGCC	GTGGTTCGGC	CCGTGACCTC	CCGCTACGAC	CGCGCCCTGG	ACGCGGGCCG
45	23581	CCGTCTGGCT	GCGGCCCGCA	TGGCCATGCC	GCACGCCACG	CTGATCGCCG	GAAACGTCTG
	23641	CTCTTGTTTG	CTGCAGATCA	CCGTCTGTGT	GCTGGCCCAT	CGCATCAGCC	AGCTGGCCCA
	23701	CCTGGTTTAC	GTCTGCACT	TTGCGTGTCT	GGTGTATTTT	GCGGCCCAT	TTTGCACCAG
	23761	GGGGGTCTTG	AGCGGGACGT	ATCTGCGTCA	GGTGCACGGC	CTGATGGAGC	TGGCCCCGAC
	23821	CCATCATCTGC	GTGCTCGGCC	CGGCTCGCGC	CGTGCTGACA	AACGCCTTGC	TGTTGGGCGT
50	23881	CTTCTCTGTG	ACGGCCGACG	CCGCGGTATC	CCTGAATACC	ATCGCCGCGT	TCAACTTTAA
	23941	TTTTTTCGGC	CCGGGCATGC	TCATCTGCC	GACCGTGCTG	TTCCGCATT	TTCGTCGTATC
	24001	GCTGTTGTTG	GTGGTTCGAGG	GGGTGTTGTG	TACTACGTG	CGCGTGTGTT	TGGGCCCCCA
	24061	CCTGGGGGCC	GTGGCCGCCA	CGGGCATCGT	CGGCCTGGCC	TGCGAGCACT	ATTACACCAA
	24121	CGGCTACTAC	GTTGTGGAGA	CGCAGTGGCC	GGGGGCTCAG	ACGGGAGTCC	GCGTCGCCCT
55	24181	CGCCCTGGTC	GCCGCCTTTG	CCCTCGGCAT	GGCCGTGCTC	CGCTGCACCC	GCGCCTATCT
	24241	GTATCACAGG	CGGCACCACA	CCAAATTTTT	TATGCGCATG	CGCGACACGC	GACACCGCGC
	24301	ACATTCCGCC	CTCAAGCGCG	TACGCAGTTC	CATGCGCGGA	TCGCGAGACG	GCCGCCACAG
	24361	GCCCGCACCC	GGCAGCCCGC	CCGGGATTCC	CGAATATGCG	GAAGACCCCT	ACGCGATCTC
	24421	ATACGGCGGC	CAGCTCGACC	GGTACGGAGA	TTCCGACGGG	GAGCCGATTT	ACGACGAGGT

	24481	GGCGGACGAC	CAAACCGACG	TATTGTACGC	CAAGATACAA	CACCCGCGGC	ACCTGCCCCG
	24541	CGACGATCCC	ATCTATGACA	CCGTTGGGGG	GTACGACCCC	GAGCCCGCCG	AGGACCCCGT
	24601	GTACAGCACC	GTCCGCCGTT	GGTAGCTGTT	TGGTTCCGTT	TTAATAAACC	GTTTGTGTTT
5	24661	AACCCGACCG	TGGTGTATGT	CTGGTGTGTG	GCGTCCGATC	CCGTTACTAT	CACCGTCCCC
	24721	CCCCCCCCCT	CAACCCCGGC	GATTGTGGGT	TTTTTAAAAA	CGACACGCGT	GCGACCGTAT
	24781	ACAGAACATT	GTTTTGTTT	TTATTGCTA	TCGGACATGG	GGGGTGGAAA	CTGGGTGGCG
	24841	GGGCAGGCGC	CTCCGGGGGT	CCGCCGGTGA	GTGTGGCGCG	AGGGGGGGTC	CGATGAACGC
	24901	AGGCGCTGTC	TCCCGGGGGC	CCGCGTAAAC	CCGCGCATAT	CCGGGGGGCAC	GTAAGAAATTA
	24961	CCTTCCTCTT	CGGACTCGAT	ATCCACGACG	TCAAAGTCGT	GGGCGGTCAG	CGAGACGACC
10	25021	TCCCGTCTGT	CGGTGATGAG	GACGTTGTTT	CGGCAGCAGC	AGGGCCGGGC	CCCGGAGAAC
	25081	GAGAGGCCCA	TAGCTCGGCG	AGCGTGTCTG	CGAATGCCAG	GCGGCTGCTT	CGCTGGATGG
	25141	CCTTATAGAT	CTCCGGATCG	ATGCGGACGG	GGGTAATGAT	CAGGGCGATC	GGAACGGCCT
	25201	GGTTCGGGAG	AATGGACGCC	TTGCTGGGTC	CTGCGGCCCC	GAGAGCCCCG	GCGCCGTCTT
	25261	CCAGGCGGAA	CGTTACGCCC	TCCTCCGCGC	TGGTGCAGTG	CCTGCCGATA	AACGTCACCA
15	25321	GATGCGGGTG	GGGGGGGCG	TCGGGGAAGT	GGCTGTGCG	CACGTAGCCC	TGCACCAAGA
	25381	TCTGCTTAAA	GTTTCGGGTGA	CGGGGGTTCC	CGAAGACGGG	CTCGCGGCGG	ACCAGATCCC
	25441	CGGAGCTCCA	GGACACGGGG	GAGATGGTGT	GGCGTCCGAG	GTCGGGGGCG	CCAAACAGAA
	25501	GCACCTCCGA	GACAACGCCG	CTATTTAACT	CCACCAAGGC	CCGATCCGCG	GCGGAGCACC
	25561	GCCTTTTTTC	GCCCGAGGCG	TGGGCCTCTG	ACCAGGCCTG	GTCTTGCGTG	ACGAGAGCCT
20	25621	CCTCCGGGCC	GGGGACGCGC	CCGGGCGCGA	AGTATCGCAC	GCTGGGCTTC	GGGATCGACC
	25681	GGATAAATGC	CCGGAACGCC	TCCGGGGACC	GGTGTGCCAT	CAAGTCTCTG	TACGCGGAGG
	25741	CCGTGGGGTC	GCTGGGGTCC	ATGGGGTCGA	AAGCGTACTT	GGCCCGGCAT	TTGACCTCGT
	25801	AAAAGGCCAG	GGGGGTCTTG	GGGACTGGGG	CCAGGTAGCC	GTGAATGTCC	CGAGGACAGA
	25861	CGAGAATATC	CAGGGACGCC	CCGACCATCC	CCGTGTGACC	GTCCATGAGG	ACCCACACG
25	25921	TATGCACGTT	CTCTTCGGCG	AGGTGCTGCG	GTTTCGTGGA	GATAAAGCGC	GCGTGTCTCG
	25981	CGCCGGCCTC	GCCGCCGTCG	TCCGCGCGGC	CCACGCAGTA	GCGAAAACAGC	AGGCTTCGGG
	26041	CCGTGCGGTC	GTTTACCCGC	CCGAACATCA	CCGCCGAAGA	CTGTACATCC	GGCCGCAGGC
	26101	TGGCGTTGTG	CTTCAGCCAC	TGGGGCGAGA	AACACGGACC	CTGGGGGGCC	CAGCGGAGGG
	26161	TGGATGCGGT	CGTGAGGCC	CGCCGGAGCA	GGGCCCATAG	CTGGCAGTCG	GCCTGGTTTT
30	26221	GCGTGGCCGC	CTCGTAAAC	CCCATGAGGG	GCCGGGGCGC	CACGGCGTCC	GCGGCGGCCG
	26281	GGGGCCCGCG	GCGCGTCAGG	CGCCATAGGT	GCCGACCGAG	TCCGCGGTCC	ACCATACCCG
	26341	CCTCCTCGAG	GACCACGGCC	AGGGAACACA	GATAATCCAG	GCGGGCCAG	AGGGGACCGA
	26401	TGGCCAGAGG	GGCGCGGACG	CCGCGCAGCA	ACCCGCGCAG	GTGGCGCTCG	AACGCTTCGG
	26461	CTAGTATATG	GGAGGGCAGC	GCGTTGGGGA	TCACCGACGC	CGACCACATA	GAGTCAAGGT
35	26521	CCGGGGAGTC	GGGATCGGCG	TCCGGGTCGC	GGGCGTGGGT	GCCCCCAGGA	GATAGCGGAA
	26581	TGTCTGGGGT	CGGAGGCCCT	GAGGCGTCAG	AAAGTGCCGG	CGACGCGGCC	CGGGGCTTTT
	26641	CGTCTGCGGT	GTCGGTGGCG	TGCTGATCAC	GTGGGGGGTT	AACGGGCGAA	TGGGAGCTCG
	26701	GGTCCACAGC	TGATGTCGTC	TGGGGTGGGG	GGGGCAGGGG	ACGGAAAGGTG	GTTGTTCAGCG
	26761	GAAGACTGTT	AGGGCGGGGG	CGCTTGGGGG	GGCTGTGCGG	GCCACGAGGG	GTGTCTTCGG
40	26821	CCAGGGCCCA	GGGACGCTTA	GTCACGGTGC	GTCCCGGCGG	ACATGCTGGG	CCTACCGTGG
	26881	ACTCCATTTT	CGAGACGACG	TGGGGGGAGC	GGTGGTTGAG	CGCGCCGCCC	GGTGAACGCT
	26941	GATTCTCAGC	ACAGCGCGTG	CCGCGCGCAC	GGGTTGGTGT	GACACAGGCG	GACACACGAG
	27001	ACCAGGAGAG	GCTTAAGCTC	GGGAGGCAGC	GCCACCGACG	ACAGTATCGC	CTTGTGTGTG
45	27061	TGCTGGTAAT	TTATACACCG	ATCCGTAAAC	GCGCGCCGAA	TCTTGGGATT	GCGGAGGTGG
	27121	CGCCGGATGC	CCTCTGGGAC	GTCATACGCC	AGGCCGTGGG	TGTTGGTCTC	GGCCGAGTTG
	27181	ACAAACAGGG	CTGGGTGCAG	CACGCAGCGA	TAGGCGAGCA	GGGCCAGGGC	GAAGTCCGGC
	27241	GACAGCTGGT	TGTTAAAATA	CTGGTAACCG	GGAAACCGGG	TCACGGGTAC	GCCCAGGCTC
	27301	GGGGCGACGT	ACACGCTAAC	CACCAACTCC	AGCAGCGTCT	GGCCCAGGGC	GTACAGGTCA
	27361	ACCGCTAAC	CGACGTCTGT	CTTCAGGCGG	TGGTTGGTAA	ATTCGGCCCC	TTCTGTTGTTA
50	27421	AGGTATTTCA	CCAACAGCTC	CGGGGGCTGG	TTATACCCGT	GACCCACCAG	GGTGTGAAAG
	27481	TTGGCTGTGG	TTAGGGCGGT	GGGCATGCCA	AACATCCGGG	GGGACTTGAG	GTCCGGCTCC
	27541	TGGAGGCAAA	ACTGCCCCCG	GGCGATCGTG	GAGTTGGAGT	TGAGGGTGAC	GAGGCTAAAG
	27601	TCGGCGAGGA	CGGCCCGCCG	GAGCGAGACG	GCGTCCGACC	GCAGCATGAC	GAGGATGTTG
	27661	GCGCACTTGA	TATCCAGGTG	GCTGATCCCC	CAGGTGGTGT	TTAAAAACAC	AACGGCGCGG
55	27721	GCCAGCTCCG	TGAAGCACTG	GTGGAGGGCC	GTCGAGACCG	AGGGGTTTGT	TGTGCGCAGG
	27781	GACGCCAGTT	GGCCGATATA	CTTACCGAGG	TCCATGTCTG	ACGCGGGGAA	CACATCTCTG
	27841	CGTTGTTGCA	GCGAGAACCC	GAGGGGCGCG	ATGAAGCCGC	GGATGTTGTG	GGTGCGGCCG
	27901	GCGCGTAGAA	CGCACTCCCC	GACCAACAGG	GTCGCGATGA	GCTCAACGGC	AAACCACTCC
	27961	TTTTCTTTTA	TGGTCTTAAC	GGCAAGCTTA	TGTTTCGCGA	TCAGTTGGAC	GTCAACCGTAT

28021 CCCCCAGACC CCCCGAAGCT TCGGGCCCCG GGGATCTCGA GGGTCGTGTA GTGTAGGGCG  
 28081 GGGTTGATGG CGAACACGGG GCTGCATAGC TTGCGGATGC GCGTGAGGGT GAGGATGTGC  
 28141 GAGGGGGACG AGGGGGGTGC GGTTAACGCC GCCTGGGATC TGCGCAGGGG CGGGCGGTTC  
 28201 AGTTTGGCCG CCGTACCGGG CGTCTCGGGG GACGCGCGGC GATGAGACGA GCGGCTCA<sup>TT</sup>  
 5 28261 CGCCATCGGG ATAGTCCCGC GCGAAGCCGC TCGCGGAGGC CGGATCGGTG GCGGGACC<sup>CG</sup>  
 28321 TGGGAGGAGC GGGAGACGGC GCGTCTCTGG AGAGAGGGGC CGCTGGGGCG CCCGAGG<sup>CC</sup>  
 28381 CCGTGGGGGT TGGAGTGTAC GTAGGATGCG AGCCAATCCT TGAAGGACCG TTGGCGTG<sup>CA</sup>  
 28441 CCTTGGGGGC TGAGGTTAGC TGCCACATGA CCAGCAGGTC GCTGTCTGCG GGACTCAT<sup>CC</sup>  
 28501 ATCCTTCGGC CAGGTCGCCG TCTCCCCACA GAGAAGCGTT GGTGCTGCT TCCTCGAG<sup>TT</sup>  
 10 28561 GCTCCTCCTG GTCCGCAAGA CGATCGTCCA CGGCGTCCAG GCGCTCACCA AGCGCCGG<sup>AT</sup>  
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 15 28801 GGGTGCTGAC GCCCTCCCGG TGCAGCTGCA GGGTCTGGTC CTTGTAAATC TCGGCTCG<sup>GA</sup>  
 28861 GGTGCGTCTC GGCCAGGCGT CGGCGCAGGG CCGCGTGGGC GGCATCTCGG TCCATTCC<sup>GC</sup>  
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 28981 GGGTACTTCG CCGCCGCGAC CCGCCACCCG GTGTGCGCGA TGT<sup>TT</sup>TGGTCA GCAGCTGG<sup>CG</sup>  
 29041 TCCGACGTCC AGCAGTACCT GGAGCGCCTC GAGAAACAGA GGCAACTTAA GGTGGGCG<sup>CG</sup>  
 29101 GACGAGGCGT CGGCGGGCCT CACCATGGGC GCGGATGCCC TACGAGTGCC CTTTTTAG<sup>AT</sup>  
 20 29161 TTCGCGACCG CGACCCCAA GCGCCACCAG ACCGTGGTCC CTGGCGTCGG GACGCTCC<sup>AC</sup>  
 29221 GACTGCTGCG AGCACTCGCC GCTCTTCTCG GCCGTGGCGC GGCGGCTGCT GTTTAATA<sup>GC</sup>  
 29281 CTGGTGCCGG CGCAACTAAA GGGGCGTGAT TTCGGGGGCG ACCACACGGC CAAGCTGG<sup>AA</sup>  
 29341 TTCCTGGCCC CCGAGTTGGT ACGGGCGGTG GCGCGACTGC GGT<sup>TTA</sup>AAGGA GTGCGCC<sup>CG</sup>  
 29401 GCGGACGTGG TGCTCAGCG TAACGCCTAC TATAGCGTTC TGAATACGTT TCAGCTGC<sup>TC</sup>  
 25 29461 CACCGCTCCG AACCTTTTCG CAGCTGGTG CACTTTGTGC GGGACTTTGC CCAGCTGC<sup>TC</sup>  
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 35 30001 GACGGGTGCG GCAGTACCAT CGTGTTTGCC TCCAGCCACA ACACAAACGT AAGTCTCT<sup>TT</sup>  
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 45 30601 CATCCCAGAT GGCGGGCCCT GCTTCCCGGT GGACAGAGCG ACCCCAGGTC GCTGTCCA<sup>TG</sup>  
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	31561	TAGCTTTCCC	CGGGCAGGTA	TTGCTCGCAG	ACCTTGCCTG	GGGCTGTGGA	GGGGACGGCC
	31621	TCCATGAAGC	GACATTTACT	CTGCTCGCGT	TTACTGACGT	CACCATCCAT	CGCCACGGCG
	31681	ATTGGACGAT	TGTTAAGCCG	CAGCGTGTCT	CCGCTTGTGC	TGTAGTAGTC	AAAAACGTAA
5	31741	TGGCCGTCGG	AGTCGGCAAA	GCGGGCCGGG	AGGTCGTGCG	CGAGCGGGAC	GACCCGCCGC
	31801	CCCCGACCGC	CCCGTCCCCC	CAGGTGTGCC	AGGACGGCCA	GGGCATACGC	GGTGTGAAAA
	31861	AAGGCGTCGG	GGGCGGTCCC	CTCGACGGCG	CGCATCAGGT	TCTCGAGGAG	AATGGGGAAG
	31921	CGCCTGGTCA	CCTCCCCCAA	CCACGCGCGT	TGGTCGGGGC	CAAAGTCATA	GCGCAGGCGC
	31981	TGTGAGATTC	GCGGGCCGCC	CTGAAGCGCG	GCCCCGATGG	CCTGGCCAG	GGCCCGGAGG
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	32101	ACGGGGCGCG	GGTGGCGCAG	GGGCACCTCG	AGCGCGGGAA	AGCGTAGCAG	CAGCTCCGCC
	32161	TGCCCAGCGG	GAGACAGCTG	GTGGGGGCGC	ACGACGCGTT	CTGCGGCGCA	GGCCTCGGTC
	32221	AGGGCCGTGG	CCAGCGCCGA	GGACAGCAGC	GGAGGGCGGG	CGCGTCGCC	GCCCCACGCC
	32281	ACGGAGTTC'T	CGTAGGAGAC	GACGACGAAG	CGCTGCTTGG	TTCCGTAGTG	GTGGCGCAGG
15	32341	ACCACGGAGA	TAGAACGACG	GCTCCACAGC	CAGTCCGGCC	GGTCGCCGCC	GGCCAGGGCT
	32401	TCCCATCCGC	GATCCAACCA	CTCGACCAGC	GACCGCGGCT	TTGCGGTACC	AGGGGTAAAG
	32461	GTTAGAACGT	CGTTCAGGAT	GTCTTCGCC	CCGGGCCCGT	GGGGCGCTGG	GGCCACAAAG
	32521	CGGCCCCCGC	CGGGGGGCTC	CAGACCCGCC	AGCACCGCAT	CTGCGTCAGC	CGCCCCCATG
	32581	GCGCCCCCGC	TGACGGCCTG	GTGAACCAGG	GCGCCCTGGC	GTAGCCCCGA	TGCAACGCCA
20	32641	CAGGCCGCAC	GCCCGGTCCG	CGCTCGGACC	GGGTGGCGGC	GGGTGACGTC	CTGCACTGCC
	32701	CGCTGAACCA	ACGCGAGGAT	CTCCTCGTTC	TCCTGTGCGA	TGGACACGTC	CTGGGCCGCG
	32761	GTCGTGTGCG	CGCCGGGGGC	CGTCAGCTGC	TCCTCCGGGG	AGATGGGGGG	GTCGGACGCC
	32821	CCGACGATGG	GCGGGTCTGC	GGGCGCCCCC	GCGTGGGGCC	GGGCCAAGGG	CTGCGGACGC
	32881	GGGGACGCGC	TTTCCCCCAG	ACCCATGGAC	AGGTGGGGCC	CAGCCTCCTT	CGCGGCCGGC
	32941	GGGGCGGCGG	CGCCAAGCAG	AGCGACGTAG	CGGCACAAAT	GCCGACAGAG	CGCATGATG
25	33001	CGCTGTCTGT	CGGCCGCGTA	GCGCGTGTG	GGGGGGACGA	GCTCGTCGTA	ACTAAACAGA
	33061	ATCACGCGGG	CACAGCTCGC	CCCCGAGCCC	CACGCAAGGC	GCAGCGCCGC	CACGGCGTAC
	33121	GGGTCATAGA	CGCCCTGCGC	GTCACACACC	ACGGGCAGGG	AGACGAACAA	CCCCCGGGCG
	33181	CTGGACGCAC	GCGGAAGGAG	GCCAGGGTGT	GCCGGCACGA	CGGGGGCCAG	AAGCTCCCCC
30	33241	ACCGCATCCG	CGGGCACGTA	GGCGGCAAAC	GCCGTGCACC	ACGGGGTACA	GTCGCCGGTG
	33301	GCATGAGCCC	GAGTCTGGAT	TTCCGACCTG	AAGTTTGC	CCGTCCCCGAG	TCCGGGGCGG
	33361	CCGCGCATCA	GGGCGGCCAG	AGGGATTCCC	GCGGCCGCCA	GGCACTCGCT	GGATATGATG
	33421	ACGTGAACCA	AAGACCGAGG	GCCGACCCGG	GCCGTGGCCG	AGATCGTCTG	GACCTCGTTG
	33481	GCCAAGTCCG	CGTTCATGTT	TGCGGGGTGG	GTCGTGGGTG	GTAGGCGATG	GTAGTCCCTC
35	33541	GAGTCCGCGG	GAAGGGCGTG	GGTTTGGCGC	GCGTATGCGT	ATTCCGCCAA	GGAGGCGTGC
	33601	GTGCTTATGC	GCGGCGCGTT	TCTTCTGTCT	CTAGGGAATC	CGAGGCCAGG	ACTTTAACCT
	33661	GCTCTTTGTC	GACGAGGCCA	ACTTTATTCG	CCCGGATGCG	GTCCAGACGA	TTATGGGCTT
	33721	TCTCAACCAG	GCCAAC TGCA	AGATTATCTT	CGTGTGCTCC	ACCAACACCG	GGAAGGCCAG
	33781	TACGAGCTTT	TTGTACAACC	TCCGCGGGGC	CGCAGACGAG	CTTCTCAACG	TGGTGACCTA
40	33841	TATATGCGAT	GATCACATGC	CGAGGGTGGT	GACGCACACA	AACGCCACGG	CCTGTTCTTG
	33901	TTATATCCTC	AACAAGCCCC	TTTTTCATCAC	GATGGACGGG	GCGGTTTCGCC	GGACCGCCGA
	33961	TTTGTTCCTG	GCCGATTCCCT	TCATGCAGGA	GATCATCGGG	GGCCAGGCCA	GGGAGACCGG
	34021	CGACGACCGG	CCCGTTCTGA	CCAAGTCTGC	GGGGGAGCGG	TTTCTGTTGT	ACCGCCCTC
45	34081	GACCACCACC	AACAGCGGCC	TCATGGCCCC	CGATTTGTAC	GTCTACGTGG	ATCCCGCGTT
	34141	CACGGCCAAC	ACCCGAGCCT	CCGGGACCGG	CGTCGCTGTC	GTCGGGCGGT	ACCGCGACGA
	34201	TTATATCATC	TTCCGCCCTGG	AGCACTTTTT	TCTCCGCGCG	CTCACGGGCT	CGGCCCCCGC
	34261	CGACATCGCC	CGCTGCGTCG	TCCACAGTCT	GACGCAGGTC	CTGGCCCTGC	ATCCCGGGGC
	34321	GTTCGCGGCG	GTCCGGGTGG	CGGTCGAGGG	AAATAGCAGC	CAGGACTCGG	CCGTCGCCAT
	34381	CGCCACGCAC	GTGCACACAG	AGATGCACCG	CCTACTGGCC	TCCGAGGGGG	CCGACGCGGG
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	34501	CTTTTTCTTG	CTCAACAAAC	AGAAGACGCC	CGCCTTTGAA	CACCTTATTA	AAAAGTTTAA
	34561	CTCCGGGGGC	GTCATGGCCT	CCCAGGAGAT	CGTTTCCGCG	ACGGTGCGCC	TGCAGACCGA
	34621	CCCGGTGCGG	TATCTGCTCG	AGCAGCTAAA	TAACCTCACC	GAAACCGTCT	CCCCAACAC
	34681	TGACGTCCGT	ACGTATTCCG	GAAAACGGAA	CGGCGCCTCG	GATGACCTTA	TGGTCGCCGT
	34741	CATTATGGCC	ATCTACCTCG	CGGCCAGGGC	CGGACCTCCG	CACACATTCG	CTCCTATCAC
55	34801	ACGCGTCTCG	TGAGCGCCCA	ATAAACACAC	CCAGGTATGC	TACGCACGAC	CACGGTGTCC
	34861	TCTGTTAAGG	GGGGGGGGGG	AAGGGGGTGT	TGGCGGGAAG	CGTGGGAACA	CGGGGGATTG
	34921	TCTCACGACC	GGCACCAGTA	CCACCCCCCT	GTGAACACAG	AAACCCCAAC	CCAAATCCCA
	34981	TAAACATACG	ACACACAGGC	ATATTTTGGG	ATTTCTTAGG	TTTTTATTTA	TTTAGGTATG
	35041	CTGGGGTTTC	TCCCTGGATG	CCCACCCCCA	CCCCCCCCGT	GGTCTAGCCG	GGCCTTAGGG

	35101	ATAGCGTATA	ACGGGGGGCCA	TGTCTCCGGA	CCGCACAACG	GCCGCGCCGT	CAAAGGTGCA
	35161	CACCCGAACC	ACGGGAGCCA	GGGCCAAGGT	GTCTCCTAGT	TGGCCCGCGT	GGGTCAGCCA
	35221	GGCGACGAGC	GCCTCGTAAA	GCGGCAGCCT	TCGCTCTCCA	TCCTGCATCA	GGGCCGGGGC
	35281	TTCGGGGTGA	ATGAGCTGGG	CGGCCTCCCG	CGTGACACTC	TGCATCTGCA	GTAGAGCGTT
5	35341	CACGTACCCG	TCCTGGGCAC	TTAGCGCAAA	GAGCCGGGGG	ATTAGCGTAA	GGATGATGGT
	35401	GGTTCCCTCC	GTGATCGAGT	AAACCATGTT	AAGGACCAGC	GATCGCAGCT	CGGCGTTTAC
	35461	GGGACCGAGT	TGTTGGACGT	CCGCCAGCAG	CGAGAGGCGA	CTCCCGTTGT	AGTACAGCAC
	35521	GTTGAGGTCT	GGCAGCCCTC	CGGGGTTTCT	GGGGCTGGGG	TTCAGGTCCC	GGATGCCCTT
	35581	GGCCACGAGC	CGCGCCACGA	TTTCGCGCGC	CAGGGGCGAT	GGAAGCGGAA	CGGGAAACCG
10	35641	CAACGTGAGG	TCCAGCGAAT	CCAGGCGCAC	GTCCGTGCGT	TGGCCCTCGA	ACACGGGCGG
	35701	GACGAGGCTG	ATGGGGTCCC	CGTTACAGAG	ATCTACGGGG	GAGGTGTTGC	GAAGGTTAAC
	35761	GGTGCCGCGC	TGGGTGAGGC	CCACGTCCAG	GGGGCAGGCG	ACGATTGCGC	TGGGAAGCAC
	35821	CCGGGTGATG	ACGCGGGGGA	AGCGCCTTCG	GTACGCCAGC	AACAACCCCA	ACGTGTCGGG
	35881	ACTGACGCCT	CCGGAGACGA	AGGATTCGTG	CGCCACGTCG	GCCAGCGTCA	GTTGCCGGCG
15	35941	GATGGTCGGC	AGGAATACCA	CCCGCCCTTC	GCAGCGCTGC	AGCGCGCCCG	CATCGGGGCG
	36001	CGAGATGCCC	GAGGGTATCG	CGATGTCAGT	TTCAAAGCCG	TCCGCCAGCA	TGGCGCCGAT
	36061	CCACGCGGCA	GGGAGTGCAG	TGGTGGTTTCG	GGTGGCGGGA	GGAGCGCGGT	GGGGGTGAGC
	36121	GGCGTAGCAG	AGACGGGCGA	CCAACCTCGC	ATAGGACGGG	GGGTGGGTCT	TAGGGGGTTG
	36181	GGAGGCGACA	GGGACCCAG	AGCATGCGCG	GGGAGGTCTG	TCGGGCCAG	ACGCACCGAG
20	36241	AGCGAATCCG	TCCGCGGAGT	CCCGGCTTGG	GTTTTATGGG	GCCCGGCCCT	CGGAATCGCG
	36301	GCTTGTCGGC	GGGGACAAAG	GGGGCGGGGC	TAGGGGCTTG	CGGAAACAGA	AGACGCGTGG
	36361	GATAAAAGAA	TCGCACTACC	CCAAGGAAGG	GCGGGGCGGT	TTATTACAGA	GCCAGTCCCT
	36421	TGAGCGGGGA	TGCGTCATAG	ACGAGATACT	GCGCGAAGTG	GGTCTCCCGC	GCGTGGGCTT
	36481	CCCCGTTGCG	GGCACTGCGG	AGGAGGGCGG	GGTCGCTGGC	GCAGGTGAGC	GGGTAGGCCT
25	36541	CCTGAAACAG	GCCACACGGG	TCTCCACAGA	GTTCGCGGCA	CCCCGGGGGG	CGCTTAAACT
	36601	GTACGTCGCT	GGCGGCGGTTG	GCCGTGGACA	CCGCCGAACC	CGTCTCCACG	ATCAGGCGCT
	36661	CCAGGCAGCG	ATGTTTGGCG	GCGATGTCGG	CCGACGTAAA	GAACTTAAAG	CAGGGGCTGA
	36721	GCACCGGCGA	GGCCCCGTTG	AGGTGGTAGG	CCCCGTTATA	GAGCAGGTCC	CCGTACGAAA
	36781	ATCGCTGCGA	CGCCCACGGG	TTGGCCGTGG	CCGCGAAGGC	CCGGGACGGG	TCGCTCTGGC
30	36841	CGTGCTCGTA	CATGAGGGCG	GTGACATCCC	CCTCCTTGTC	CCCCCGGTAA	ACGCCCCCGG
	36901	CGGCGCGTCC	CCGGGGGTTG	CAGGGCCGGC	GGAAGTAGTT	GACGTCGGTC	GACACGGGGG
	36961	TGGCGATAAA	CTCACACACG	GCGTCTTGGC	CGTGGTCCAT	CCCTGCGCGC	CGCGGCACCT
	37021	GGGCGCACCC	GAACACGGGG	ACGGGCTGGG	CCGGCCCCAG	GCGGTTTCCC	GCCACGACCG
	37081	CGTTCCGCGA	GTACACGGCT	GCCGCGTTGT	CCAGGAGAGG	GGGAGCCCCG	CGGCCAGGTT
35	37141	AAAAGTTTTG	GGGAAGGTTG	CCCATGTCGG	TGACGGGGTT	GCGGACGGTT	GCCGTGGCCA
	37201	CGACGGCGGT	GTAGCCACAG	CCCAGGTCCA	CGTTGCGCGC	CGGCTGGGTG	AGCGTGAAGT
	37261	TTACCCCCCC	GCCAGTTTCG	TGCCGGGCCA	CCTGGAGCTG	GCCAGGAAG	TACGCCTCCG
	37321	ACGCGCGCTC	CGAGAACAGC	ACGTTCTCAG	TCACAAAGCG	GTCTGTGTCG	ACGACGGTGA
	37381	ACCCAAACCC	GGGATGGAGG	CCCGTCTTGA	GCTGATGATG	CAAGGCCACG	GGACTGATCT
40	37441	TGAAGTACCC	CGCCATGAGC	GCGTAGGTCA	GCGCGTTCTC	CCCGGCCGCG	CTCTCGCGGA
	37501	CGTGCTGCAC	GACGGGCTGT	CGGATCGACG	AAAAGTAGTT	GGCCCCCAGA	GCCGGGGGGA
	37561	CCAGGGGGAC	CTGCCGCGAC	AGGTCGCGCA	GGGCCGGGGG	GAAATTGGGC	GCGTTGCGCA
	37621	CGTGGTGCGC	CCCCGCGAAC	AGCGCTGGGA	CGGGGAGGGG	GTAAAAATAG	TCGCCATTTT
	37681	GGATGGTATG	GTCCAGATGC	TGGGGGGCCA	TCAGCAGGAT	TCCGGCGTGC	AACGCCCCGT
45	37741	CGAATATGCG	CATGTTGGTG	GTGGACGCGG	TGTTGGCGCC	CGCGTCGGGC	GCCGCCGAGC
	37801	AGAGCAGCGC	CGTTGTGCGT	TCGGCCATGT	TGTGGGCCAG	CACCTGCAGC	GTGAGCATGG
	37861	CGGGCCCGTC	CACTACCACG	CGCCCGTTGT	GAAACATGGC	GTTGACCGTG	TTGGCCACCA
	37921	GATTGGCCCG	GTGCAGGGGG	TGCGCGGGGT	CCGTCACGGG	GTCGCTGGGG	CACTCCTCGC
	37981	CGGGGGCGAT	CTCCGGGACC	ACCATGTTCT	GCAGGGTGGC	GTATACGCGG	TCGAAGCGAA
50	38041	CCCCCGCGGT	GCAGCAGCGG	CCCCCGCAGA	AGGCGGGCAC	CATCACGTAG	TAGTAAATCT
	38101	TGTGAGTGCAC	GGTCCAGTCC	GCCCCCGGTT	GCGGCCGGTC	ATCCGCGGCG	TCCGCGGCTC
	38161	GGGCCTGGGT	GTTGTGACAG	AGCTGGCCGT	CGTTGCGGTT	GAAGTCCGCG	GTCGCCACGT
	38221	TACATGCCGC	CGCGTACACG	GGGTGCTGGC	CCCCCGCGCT	AACCCGGCAG	TCGCGATGGC
	38281	GGTCCAGGGC	CGCGCGCCGC	ATCAGGGCGT	CACAGTCCCA	CACGAGGGGT	GGCAGCAGCG
55	38341	CCGGGTCTCG	CATTAGGTGA	TTCAGCTCGG	CTTGCGCCTG	CCCGCCAGC	TCCGGGCCGG
	38401	TCAGGGTAAA	GTCATCAACC	AGCTGGGCCA	GGGCCTCGAC	GTGCGCCACC	AGGTCCCCGT
	38461	ACACGGCCAT	GCACTCCTCG	GGAAGGTCTC	CCCCGAGGTA	GGTCACGACG	TACGAGACCA
	38521	GCGAGTAGTC	GTTACAGAAC	GCCGCGCACC	GCGTGTTGTT	CCAGTAGCTG	GTGATGCACT
	38581	GGACCACGAG	CCGGGCCAGG	GCGCAGAAGA	CGTGCTCGCT	GCCGTGTATG	GCGGCCTGCA

	38641	GCAGGTAAAA	CACCGCCGGG	TAGTTGCGGT	CGTCGAACGC	CCCGCGAACG	GCGGCGATGG
	38701	TGGCGGGGGC	CATGGCGTGG	CGTCCCACCC	CCAGCTCCAG	GCCCCGGGCG	TCCCCGAACG
	38761	CCGCCGGACA	TAGCGCCAGG	GGCAAGTTGC	CGTTCACCAC	GCGCCAGGTG	GCCTGGATCT
5	38821	CCCCCGGGCC	GGCCGGGGGA	ACGTCCCCCC	CCGGCAGCTC	CACGTGCGCC	ACCCCCACAA
	38881	AGAAGTCGAA	CGCGGGGTGC	AGCTCAAGAG	CCAGGTTGGC	GTTGTGCGGC	TGCATAAACT
	38941	GCTCCGGGGT	CATCTGGCCT	TCCGCGACCC	ATCGGACCCG	CCCGTGGGCG	AGGCGCTGCC
	39001	CCCAGGCGTT	CAAAAACAGC	TGCTGCATGT	CTGCGGCGGG	GCCGCGCGGT	ACCGCCACGT
	39061	ACGCCCCGTA	CGGATTGGCG	GCTTCGACGG	GGTCGCGGTT	AAGGCCCCCG	ACCGCCGCGT
	39121	CAACGTTTCAT	CAGCGAAGGG	TGGCACACGG	TCCCGATCGC	GTGTTCCAGA	GACAGGCGCA
10	39181	GCACCTGGCG	GTCTTTCCTC	CAAAAAACA	GCTGGCGGGG	CGGGAAGGCG	CGGGGATCCG
	39241	GGTGGCCGGG	GGCGGGGACT	AGGTCCCCGG	CGTGCGCGGC	AAACCGTTCC	ATGACCGGAT
	39301	TGAACAGGCC	CAGGGGCAGG	ACGAACGTCA	GGTCCATGGC	GCCCACCAGG	GGGTAGGGAA
	39361	CGTTGGTGGC	GGCGTAGATG	CGCTTCTCCA	GGGCCTCCAG	AAAGACCAGC	TTCTCGCCGA
	39421	TGGACACCAG	ATCCGCGCGC	ACGCGCGTCG	TCTGGGGGGC	GCTCTCGAGC	TCGTCCAGCG
15	39481	TCTGCCGGTT	CAGGTCGAGC	TGCTCCTCCT	GCATCTCCAG	CAGGTGGCGG	CCCACGTCGT
	39541	CCAGACTTCG	CACGGCCTTG	CCCATCACGA	CGCGCGTGAC	CAGGTTGGCC	CCGTTCAGGA
	39601	CCATCTCGCC	GTACGTCACC	GGCACGTCGG	CTTCGGTGTC	CTCCACTTTC	AGGAAGGACT
	39661	GCAGGAGGCG	CTGTTTGATC	GGGGCGGTGG	TGACGAGCAC	CCCGTCGACC	GGCCGCCCCG
	39721	GCGTGTCGGC	ATGCGTCAGA	CGGGGCACGG	CCACGGAGGG	CTGCGTGGCC	GTGGTGAGGT
20	39781	CCACGAGCCA	GGCCTCGACG	GCCTCCCGGC	GGTGGCCCGC	CTTGCCCGAG	AAAAAGCTCG
	39841	TCTCGCAGAA	GCTTCGCTTT	AGCTCGGCGA	CCAGGGTCGC	CCGGGCCACC	CTGGTGGCCA
	39901	GGCGGCCGTT	GTCCAGGTAT	CGTTGCATCG	GCAACAACAA	AGCCAGGGGC	GGCGCCTTTT
	39961	CCAGCAGCAC	GTGCAGCATC	TGGTCGGCCG	TGCCGCGCTC	AAACGCCCCG	AGGACGGCCT
25	40021	GGACGTTGCG	AGCGAGCTGT	TGGATGGCGC	GCAACTGGCG	ATGCGCGCCG	ATACCCGTCC
	40081	CTCCAGGGC	CTCCCCCGTG	AGCAGGGCGA	TGGCCTCGGT	GGCCAGGCTG	AAGGCGGCGT
	40141	TACAGGCCCG	GCGGTCGATA	ATCTTGGTCA	TGTAATTGTG	TGTGGGTTGC	TCGATGGGGT
	40201	GCGGGCCGTC	GCGGGCAATC	AGCGGCTGGT	GGACCTCGAA	CTGTACGCGC	CCCTCGTTCA
	40261	TGTAGGCCAG	CTCCGGAAC	TTGGTACACA	CGCACGCCAC	CGACAACCCG	AGCTCCAGAA
	40321	AGCGCACGAG	CGACAGGGTG	TTGCAATACG	ACCCAGCAG	GGCGTCGAAC	TCGACGTCTG
30	40381	ACAGGCTGTT	TGCATCGGAG	CGCACGCGGG	AAAAAAAATC	AAACAGGCGT	CGATGCGACG
	40441	CCACCTCGAT	CGTGCTAAGG	AGGGACCCCG	TCGGCACCAT	GGCCGCGGCA	TACCGGTATC
	40501	CCGGAGGGTC	GCGGTTGGGA	GCGGCCATGG	GGTCGCGTGG	AGATCGGCTG	TCTCTAGCGA
	40561	TATTTGGCCG	GGGAGGCTAA	GATCCACCCC	AACGCCCGGC	CACCCGTGTA	CGTGCCCGAC
	40621	GGCCCAAGGT	CCACCGAAAG	ACACGACGGG	CCCGGACCCA	AAAAGGCGGG	GGATGCTGTG
35	40681	TGAGAGGCCG	GGTGCCGGTC	GGGGGGGAAA	GGCACCGGGA	GAAGGCTGCG	GCCTCGTTCC
	40741	AGGAGAACCC	AGTGTCCCCA	ACAGACCCGG	GGACGTGGGA	TCCAGGCCT	TATATACCCC
	40801	CCCCCCCCG	CCACCCCCGT	TAGAACGCGA	CGGGTGCATT	CAAGATGGCC	CTGGTCCAAA
	40861	AGCGTGCCAG	GAAGAAATTG	GCAGAGGCGG	CAAAGCTGTC	CGCCGCCGCC	ACCCACATCG
	40921	AGGCCCCGCG	CGCGCAGGCT	ATCCCCAGGG	CCCGTGTGCG	CAGGGGATCG	GTGGGCGGCA
40	40981	GCATTTGGTT	GGTGGCGATA	AAGTGGAATA	GCCCCTCCGG	ACTGAAGGTC	TCGTGGGCGG
	41041	CGGCGAACAA	GGCACACAGG	GCCGTGCCCT	CCAAAAACAC	GGACATCCCC	CAAAACACGG
	41101	GCGCCGACAA	CGGCAGACGA	TCCCTCTTGA	TGTTAACGTA	CAGGAGGAGC	CGCCGCACCG
	41161	CCCACGTAAC	GTAGTAGCCG	ACGATGGCGG	CCAGGATACA	GGCCGGCGCC	ACCACCTTTC
	41221	CGGTACGCCC	GTAATACATG	CCCGCTGCCA	CCATCTCCAA	CGGCTTCAGG	ACCAAAAACG
45	41281	ACCAAAGGAA	CAGAATCACG	CGCTTTGAAA	AGACCGGCTG	GGTATGGGGC	GGAAGACGCG
	41341	AGTATGCCGA	ACTGACAAAA	AAATCAGAGG	TGCCGTACGA	GGACAATGAA	AACTGTTTCT
	41401	CCAGCGGCAG	TTCTCCCTCC	TCCCCCCCCG	AGGCGGCCTC	GTCGACCAGA	TCTCGATCCA
	41461	CCAGAGGAAG	GTCATCCCGC	ATGGTCATGG	GGTGTGCGGT	GGAGGTGGGG	AGACCGAAAC
	41521	CGCAAAGGGT	CGCTTACGTC	AGCAGGATCC	CGAGATCAAA	GACACCCGGG	TTCTTGACAA
50	41581	AACACCACCC	GGGTTGCATC	CGCGGAGGCG	AGTGTTTTGA	TAAGGCCGTT	CCGCGCCTTG
	41641	ATATAACCTT	TGATGTTGAC	CACAAAACCC	GGAATTTACG	CCTACGCCCC	AATGCCACAG
	41701	CAAGATGAGG	TAGGTAACCC	CCCCGTGGGT	GTGACGTTGC	GTTTAGTTCA	TTGGAGGCCA
	41761	AGGGGAAAAA	TGGGGTGGGG	AGGAAACGGA	AAACCCAGTA	GGCCGTGTGC	GGAACACGCC
	41821	CGGGGTTGTC	CTCAAAAAGG	AGGGTCCATA	CTACGGAAGC	CGTCGTTGTA	TTGAGACCTT
55	41881	GCCTGTGCAA	CGCACGTCGG	GGTTGCCCTG	GTCCGGTTCG	GCCCCACCCG	CGTGCGGCAC
	41941	GCACGAGGAC	GAGTCCGCGT	GCTTTATTGG	CGTTCCAAGC	GTTGCCCTCC	AGTTTCTGTT
	42001	GTCGGTGTTC	CCCCATACCC	ACGCCCACAT	CCACCGTAGG	GGGCCTCTGG	GCCGTGTTAC
	42061	GTCGCCGCCC	GCGATGGAGC	TTAGCTACGC	CACCACCATG	CACTACCGGG	ACGTTGTGTT
	42121	TTACGTACAA	ACGGACCGAA	ACCGGGCCTA	CTTTGTGTGC	GGGGGGTGTG	TTTATTCCGT

	42181	GGGGCGGCCG	TGTGCCTCGC	AGCCCGGGGA	GATTGCCAAG	TTTGGTCTGG	TCGTTCGAGG
	42241	GACAGGCCCA	GACGACCGCG	TGGTCGCCAA	CTATGTACGA	AGCGAGCTCC	GACAACGCGG
	42301	CCTGCAGGAC	GTGCGTCCCA	TTGGGGAGGA	CGAGGTGTTT	CTGGACAGCG	TGTGCTTTCT
5	42361	AAACCCGAAC	GTGAGCTCCG	AGCTGGATGT	GATTAACACG	AACGACGTGG	AAGTGCCTGGA
	42421	CGAATGTCTG	GCCGAGTACT	GCACCTCGCT	GCGAACCAGC	CCGGGTGTGC	TAATATCCGG
	42481	GCTGCGCGTG	CGGGCGCAGG	ACAGAATCAT	CGAGTTGTTT	GAACACCCAA	CGATAGTCAA
	42541	CGTTTCTCTG	CACTTTGTGT	ATACCCCGTC	CCCATACGTG	TTCCGCTTGG	CCCAGGCGCA
	42601	CCTCCCCCGG	CTCCCGAGCT	CGCTGGAGGC	CCTGGTGAGC	GGCCTGTTTG	ACGGCATCCC
10	42661	CGCCCCACGC	CAGCCACTTG	ACGCCCACAA	CCCGCGCACG	GATGTGGTTA	TCACGGGCCG
	42721	CCGCGCCCCA	CGACCCATCG	CCGGGTCGGG	GGCGGGGTCT	GGGGGCGCGG	GCGCCAAGCG
	42781	GGCCACCGTC	AGCGAGTTCT	TGCAAGTCAA	ACACATTGAC	CGCGTGGGCC	CCGCTGGCGT
	42841	TTCCGCCGCG	CCTCCGCCAA	ACAACACCGA	CTCGAGTTCC	CTGGTGCCCC	GGGCCAGGA
	42901	TTCCGCCCCG	CCCGGCCCCA	CGCTAAGGGA	GCTGTGGTGG	GTGTTTTATG	CCGCAGACCG
15	42961	GGCGCTGGAG	GAGCCCCGCG	CCGACTCTGG	CCTCACCCGC	GAGGAGGTAC	GTGCCGTACG
	43021	TGGGTTCCGG	GAGCAGGCGT	GGAAACTGTT	TGGCTCCGCG	GGGGCCCCCG	GGCGGTTTTAT
	43081	CGGGGCCGCG	TTGGGCCTGA	GCCCCCTCCA	AAAGCTAGCC	GTTTACTACT	ATATCATCCA
	43141	CCGAGAGAGG	CGCCTGTCCC	CCTTCCCCGC	GCTAGTCCGG	CTCGTAGGCC	GGTACACACA
	43201	GCGCCACGGC	CTGTACGTCC	CTCGGCCCGA	CGACCCAGTC	TTGGCCGATG	CCATCAACGG
20	43261	GCTGTTTTCG	GACGCGCTGG	CGGCCGGAAC	CACAGCCGAG	CAGCTCCTCA	TGTTTCGACCT
	43321	TCTCCCCCCA	AAGGACGTGC	CGGTGGGAAG	CGACGTGCAG	GCCGACAGCA	CCGCTCTGCT
	43381	GCGCTTTATA	GAATCGCAAC	GTCTCGCCGT	CCCCGGGGGG	GTGATCTCCC	CCGAGCACGT
	43441	CGCGTACCTT	GGTGCGTTCC	TGAGCGTGCT	GTACGCTGGC	CGCGGGCGCA	TGTCCGCAGC
	43501	CACGCACACC	GCGCGGCTGA	CAGGGGTGAC	CTCCCTGGTG	CTAGCGGTGG	GTGACGTGGA
25	43561	CCGTCTTTCC	GCGTTTGACC	CGCGAGCGGC	GCGCGCGGCC	AGCCGCGCGG	GGGCCGCGCG
	43621	GTACCTGGAT	GTGTTCTTTA	CCGTTCGTCT	CGCTCGCTCC	CAACACGGAC	AGTCTGTGTA
	43681	AAAGACCCCA	ATAAACGTAT	ATCGCTACTA	CACCCTTGTT	TGTCAATGGA	CGCCTCTCCG
	43741	GGGGGGGGGG	AGGGAAAGCA	AAGAGGGGCT	GGGGGAGCGG	CACCACCGGG	GCCTGAACAA
	43801	ACAAACCACA	GACACGGTTA	CAGTTTATTC	GGTCGGGCGG	AGAAACGGCC	GAAGCCACGC
30	43861	CCACTTTATT	CGCGTCTCCA	AAAAAACGGG	ACACTTGTCC	GGAGAACCTT	TAGGATGCCA
	43921	GCCAGGGCGG	CGGTAATCAT	AACCACGCCC	AGCGCAGAGG	CGGCCAGAAA	CCGGGGCGCA
	43981	ATTGCGGCCA	CGGGCTGCGT	GTCAAAGGCT	AGCAAATGAA	TGACGGTTCC	GTTTGGAAT
	44041	AGCAACAAGG	CCGTGGACGG	CACGTCGCTC	GAAAACACGC	TTGGGGCGCC	CTCCGTCGGC
	44101	CCGGCGGCGA	TTTGCTGCTG	TGTGTTGTCC	GTAATCCACA	GCAACACAGA	CATGACCTCC
35	44161	CCGGCCGGGG	TGTAGCGCAT	AAACACGGCC	CCCACGAGCC	CCAGGTTCGG	CTGGTTTTGG
	44221	GTGCGCACCA	GCCGCTTGGA	CTCGATATCC	CGGGTGAGGC	CTTCGCATGT	CGCGGTGAGG
	44281	TAGGTTAGGA	ACAGTGGGCG	TCGGACGTCG	ACGCCGGTGA	GCTTGTAGCC	GATCCCCCGG
	44341	GGCAGAGGGG	AGTGGGTGAC	GACGTAGCTG	GCGTTGTGGG	TGATGGGTAC	CAGGATCCGT
	44401	GGCTCGACGT	TGGCAGACTG	CCCCCGCAC	CGATGTGAGG	CCTCAGGGAC	GAAGGCGCGG
40	44461	ATCAGGGCGT	TGTAGTGTGC	CCAACGCGTC	AGGGTCGAGG	CGAGGCCGTG	GGTCTGCTGG
	44521	GCCAGGACTT	CGACCGGGGT	CTCGGATCGG	GTGGCTTGAG	CCAGCGCGTC	CAGGATAAAC
	44581	ACGCTCTCGT	CTAGATCAAA	GCGCAGGGAG	GCCCGCGATG	GCGAAAAGTG	TCCGGAGAGC
	44641	CAAAAGAGGG	TTTTCTGGTG	GTGCGCCCGG	CCGAGCGCGG	TCCGAGGTC	GGCGTTGGTC
45	44701	GCTGCGGCGA	CGTCGGACGT	ACACAGGGCC	GAGGCTATCA	GAAGGCTCCG	GCGGGCGCGT
	44761	TCCCCTGCA	CCGCCGAGGG	GACGCCAGCC	AAGAACGGCT	GCCGGAGGAC	AGCCGAGGCG
	44821	TAAAATAGCG	CCCGGTGGAC	GACCGGGGTG	GTCAGCACGC	GGCCCCCTAG	AAACTCGGCA
	44881	TACAGGGCGT	CGATGAGATG	GGCTGCGCTG	GGCGCCACTG	CGTCGTACGC	CGAGGGGCTA
	44941	TCCAGCACGA	AGGCCAGCTG	ATAGCCCAGC	GCGTGTAATG	CCAAGCTCTG	TTTCGCGCTC
	45001	AGAATCTCGG	CCACCAGGTG	CTGGAGCCGA	GCCTCTAGCT	GCAGGCGGGC	CGTGGGATCC
50	45061	AAGACTGACA	CATTAACAAA	CACAGAATCC	GCGGCACAGC	CCGCGGCCCC	GCGGGCGGCC
	45121	AACCCGGCAA	GCGCGCGCGA	GTGGGCCAAA	AAGCCTAGCA	GGTCGGAGAG	CGAGACCGCG
	45181	CCGTTTGCGT	GGGCGGCGTT	CACGAAAGCA	AAACCCGACG	TCGCGAGCAG	CCCCGTTAGG
	45241	CGCCAGAAGA	GAGGGGGGCG	CGGGCCCTGC	TCGGCGCCCC	CGTCCCCCGA	GAAAACTCC
	45301	GCGTATGCCC	GCGACAGGAA	CTGGGCGTAG	TTCGTGCCCT	CCTCCGGGTA	GCCGCCACCG
	45361	CGGCGGAGGG	CGTCCAGCGC	GGAGCCGTTG	TCGGCCCGCG	TCAGGGACCC	TAGGACAAAG
55	45421	ACCCGATACC	GGGGGCCGCC	CGGGGGCCCC	GGAAGAGCCC	CCGGGGGGTT	TTTCGTCGCG
	45481	GGGTCCCCGA	CCCGATCTAG	CGTCTGGCCC	GCGGGGACCA	CCATCAC'TTC	CACCGGAGGG
	45541	CTGTCTGTGA	TGGATATCAC	GAGCCCCATG	AATTCCCGCC	CGTAGCGCGC	GCGCACACAG
	45601	GCGGCATCGC	ACCCGAGCAC	CAGTCTCCCC	GTCGTCCAGA	TGCCCACGGG	CCACGTCCAG
	45661	GCCGACGGGG	AGAAATACAC	GTACCTACCT	GGGGATCTCA	ACAGGCCCCG	GGTGGCCAAC

	45721	CAGGTCGTGG	ACGCGTTGTG	CAGGTGCGTG	ATGTCCAGCT	CCGTCGTCGG	GTGCCGCCGG
	45781	GCCCCAACCG	GCGGTCGGGG	GGGCGGTGTA	TCACGCGGCC	CGCTCGGGTG	GCTCGCCGTC
	45841	GCCACGTTGT	CTCCCCGCGG	GAACGTCAGG	GCCTCGGGGT	CAGGGACGGC	CGAAAACGTT
5	45901	ACCCAGGCC	GGGAACGCAG	CAACACGGAG	GCGGCTGGAT	TGTGCAAGAG	ACCCTTAAGG
	45961	GGGGCGACCG	AGGGGGGAGG	CTGGGCGGTC	GGCTCGACCG	TGGTGGGGGC	GGGCGAGCTC
	46021	GCGTTCGGGG	GCCGGCCGAG	CAGGTAGGTC	TTCGGGATGT	AAAGCAGCTG	GCCGGGGTCC
	46081	CGCGGAAACT	CGGCCGTGGT	GACCAATACA	AAACAAAAGC	GCTCCTCGTA	CCAGCGAAGA
	46141	AGGGGCAGAG	ATGCCGTAGT	CAGGTTTAGT	TCGTCCGGCG	GCGCCAGAAA	TCCGCGCGGT
	46201	GGTTTTTGGG	GGTCGGGGGT	GTTTGGCAGC	CACAGACGCC	CGGTGTTCTG	GTCGCGCCAG
10	46261	TACATGCGGT	CCATGCCCAG	GCCATCCAAA	AACCATGGGT	CTGTCTGCTC	AGTCCAGTCG
	46321	TGGACCTGAC	CCCACGCAAC	GCCCCAAAATA	ATAACCCCCA	CGAACCATAA	ACCATTCCCC
	46381	ATGGGGGACC	CCGTCCCTAA	CCCACGGGGC	CCGTGGCTAT	GGCAGGGCTT	GCCGCCCCGA
	46441	CGTTGGCTGC	GAGCCCTGGG	CCTTCACCCG	AACTTGGGGG	TTGGGGTGGG	GAAAAGGAAG
	46501	AAACGCGGGC	GTATTGGTCC	CAATGGGGTC	TCGGTGGGGT	ATCGACAGAG	TGCCAGCCCT
15	46561	GGGACCGAAC	CCCGCGTTTA	TGAACAAACG	ACCCAACACC	CGTGCGTTTT	ATTCTGTCTT
	46621	TTTATTGCCG	TCATAGCGCG	GGTTCCTTCC	GGTATTGTCT	CCTTCCGTGT	TTCAGTTAGC
	46681	CTCCCCCATC	TCCCGGGCAA	ACGTGCGCGC	CAGGTCGCAG	ATCGTCGGTA	TGGAGCCTGG
	46741	GGTGGTGACG	TGGGTCTGGA	CCATCCCGGA	GGTAAGTTGC	AGCAGGGCGT	CCCGGCAGCC
	46801	GGCGGGCGAT	TGGTCGTAAT	CCAGGATAAA	GACATGCATG	GGACGGAGGC	GTTTGGCCAA
20	46861	GACGTCCAAA	GCCCAGGCAA	ACACGTTATA	CAGGTCGCCG	TTGGGGGCCA	GCAACTCGGG
	46921	GGCCCGAAAC	AGGGTAAATA	ACGTGTCCCC	GATATGGGGT	CGTGGGCCCC	CGTTGCTCTG
	46981	GGGCTCGGCA	CCCTGGGGCG	GCACGGCCGC	CCCCGAAAGC	TGTCCCCAAT	CCTCCCGCCA
	47041	CGACCCGCCG	CCCTGCAGAT	ACCGCACCGT	ATTGGCAAGC	AGCCCATAAA	CGCGGCGAAT
	47101	CGCGGCCAGC	ATAGCCAGGT	CAGCCGCTC	GCCGGGGCGC	TGGCGTTTGG	CAGGCGGTC
25	47161	GATGTGTCTG	TCCTCCGGAA	GGGCCCCCAA	CACGATGTTT	GTGCCGGGCA	AGGTCGGCGG
	47221	GATGAGGGCC	ACGAACGCCA	GCACGGCCTG	GGGGGTCATG	CTGCCCATAA	GGTATCGCGC
	47281	GGCCGGGTAG	CACAGGAGGG	CGGCGATGGG	ATGGCGGTCTG	AAGATGAGGG	TGAGGGCCGG
	47341	GGGCGGGGCA	TGTGAGCTCC	CAGCCTCCCC	CCCGATATGA	GGAGCCAGAA	CGGCGTCGGT
	47401	CACGGCATAA	GGCATGCCCC	TTGTTATCTG	GGCGCTTGTC	ATTACCACCG	CCGCGTCCCC
30	47461	GGCCGATATC	TCACCCTGGT	CGAGGCGGTG	TTGTGTGGTG	TAGATGTTCTG	CGATTGTCTC
	47521	GGAAGCCCCC	AACACCCGCC	AGTAAGTCAT	CGGCTCGGGT	ACGTAGACGA	TATCGTCGCG
	47581	CGAACCCAGG	GCCACCAGCA	GTTGCGTGGT	GGTGGTTTTT	CCCATCCCGT	GGGACCGTCC
	47641	TATATAAACC	CGCAGTAGCG	TGGGCATTTT	GTGCTCCAGG	CGGACTTCCG	TGGCTTTTTG
	47701	TTGCGGGCGA	GGGCGCAACG	CCGTACGTCG	GTTGTTATGG	CCGCGAGAAC	GCGCAGCCTG
35	47761	GTCGAACGCA	GACGCGTGTT	GATGGCAGGG	GTACGAAGCC	ATACGCGCTT	CTACAAGGCG
	47821	CTGGCCGAAG	AGGTGCGGGA	GTTTCACGCC	ACCAAGATCT	GCGGCACGCT	GTTGACGCTG
	47881	TTAAGCGGGT	CGCTGCAGGG	TCGCTCGGTA	TTGAGGCCA	CACGCGTCAC	CTTAATATGC
	47941	GAAGTGGACC	TGGGACCGCG	CCGCCCCGAC	TGCATCTGCG	TGTTGCAATT	CGCCAATGAC
	48001	AAGACGCTGG	GCGGGGTTTG	TGTCATCATA	GAACATAAGA	CATGCAAATA	TATTTCTTCC
40	48061	GGGGACACCG	CCAGCAAACG	CGAGCAAACG	GCCACGGGGA	TGAAGCAGCT	GCGCCACTCC
	48121	CTGAAGCTCC	TGCAGTCCCT	CGCGCCTCCG	GGTGACAAGA	TAGTGTAACCT	TGCCCCCGTC
	48181	CTGGTGTTTG	TCGCCCAACG	GACGCTCCGC	CTCAGCCGCG	TGACCCGCGT	CGTCCCGCAG
	48241	AAGGTCTCCG	GTAATATCAC	CGCAGTCGTG	CGGATGCTCC	AGAGCCTGTC	CACGTATACG
	48301	GTCCCCATTG	AGCCTAGGAC	CCAGCGAGCC	CGTCGCCGCC	GCGGCGGCGC	CGCCCCGGGG
45	48361	TCTGCGAGCA	GACCGAAAAG	GTCACACTCT	GGGGCGCGCG	ACCCGCCCGA	GTCAGCGGCC
	48421	CGCCAGTTAC	CACCCGCCGA	CCAAACCCCC	ACCTCCACGG	AGGGCGGGGG	GGTGCTTAAG
	48481	AGGATCGCGG	CGCTCTTCTG	CGTGCCCGTG	GCCACCAAGA	CCAAACCCCG	AGCCGCTTCC
	48541	GAATGAGAGT	GTTTCGTTCC	TTCCCCCTCC	CCCCGCGTCA	GACAAACCCT	AACCACCGCT
	48601	TAAGCGGCCC	CCGCGAGGTC	CGAAGACTCA	TTTGATCCG	GCGGGAGCCA	CCCCACAACA
50	48661	GCCCCCGGGT	TTTCCCACGC	CAGACGCCGG	TCCGCTGTGC	CATCGCGCCC	CCTCATCCCA
	48721	CCCCCATCT	TGTCGCCAAA	TAAACAAGG	TCTGGTAGTT	AGGACAACGA	CCGCGAGTCT
	48781	CGTGCTTTAT	TTTCGCTCTC	CGCCTCTCGC	AGATGGACCC	GTAAGTCCCA	TTTGACGCTC
	48841	TGGACGTCTG	GGAACACAGG	CGCTTCATAG	TCGCCGATTC	CCGAAACTTC	ATCACCCCCG
	48901	AGTTCCCCCG	GGACTTTTGG	ATGTCGCCCC	TCTTTAACCT	CCCCCGGGAG	ACGGCGGCGG
55	48961	AGCAGGTGGT	CGTCCTACAG	GCCCAGCGCA	CAGCGGCTGC	CGCTGCCCTG	GAGAACGCGG
	49021	CCATGCAGGC	GGCCGAGCTC	CCCGTCGATA	TCGAGCGCCG	GTTACGCCCC	ATCGAACGGA
	49081	ACGTGCACGA	GATCGCAGGC	GCCCTGGAGG	CGCTGGAGAC	GGCGGCGGCC	GCCGCCGAAG
	49141	AGGCGGATGC	CGCGCGCGGG	GATGAGCCGG	CGGGTGGGGG	CGACGGGGGG	GCGCCCCCGG
	49201	GTCTGGCCGT	CGCGGAGATG	GAGGTCCAGA	TCGTGCGCAA	CGACCCGCGG	CTACGATACG

	49261	ACACCAACCT	CCCCGTGGAT	CTGCTACACA	TGGTGTACGC	GGGCCGCGGG	GCGACCGGCT
	49321	CGTCGGGGGT	GGTGTTCGGG	ACCTGGTACC	GCACTATCCA	GGACCGCACC	ATCACGGACT
	49381	TTCCTCTGAC	CACCCGCAGT	GCCGACTTTC	GGGACGGCCG	TATGTCCAAG	ACCTTCATGA
5	49441	CGGCGCTGGT	ACTGTCCCTG	CAGGCGTGCG	GCCGGCTGTA	TGTGGGCCAG	CGCCACTATT
	49501	CCGCC'TTCGA	GTGCGCCGTG	TTGTGTCTCT	ACCTGCTGTA	CCGAAACACG	CACGGGGCCG
	49561	CCGACGATAG	CGACCGCGCT	CCGGTCACGT	TCGGGGATCT	GCTGGGCCGG	CTGCCCCGCT
	49621	ACCTGGCGTG	CCTGGCCGCG	GTGATCGGGA	CCGAGGGCGG	CCGGCCACAG	TACCGCTACC
	49681	GCGACGACAA	GCTCCCCAAG	ACGCAGTTCG	CGGCCGGCGG	GGGCCGCTAC	GAACACGGAG
10	49741	CGCTGGCGTC	GCACATCGTG	ATCGCCACGC	TGATGCACCA	CGGGGTGCTC	CCGGCGGCCC
	49801	CGGGGGACGT	CCCCCGGGAC	GCGAGTACCC	ACGTTAACCC	CGACGGCGTG	GCGCACCACG
	49861	ACGACATAAA	CCGCGCCGCC	GCCGCGTTCC	TCAGCCGGGG	CCACAACCTA	TTCCTGTGGG
	49921	AGGACCAGAC	TCTGCTGCGG	GCAACCGCGA	ACACCATAAC	GGCCCTGGGC	GTTATCCAGC
	49981	GGCTCCTCGC	GAACGGCAAC	GTGTACGCGG	ACCGCCTCAA	CAACCGCCTG	CAGCTGGGCA
15	50041	TGCTGATCCC	CGGAGCCGTC	CCTTCGGAGG	CCATCGCCCC	TGGGGCCTCC	GGGTCCGACT
	50101	CGGGGGCCAT	CAAGAGCGGA	GACAACAATC	TGGAGGCGCT	ATGTGCCAAT	TACGTGCTTC
	50161	CGCTGTACCG	GGCCGACCCG	GCGGTCGAGC	TGACCCAGCT	GTTTCCCGGC	CTGGCCGCCC
	50221	TGTGTCTTGA	CGCCCAGGCG	GGGCGGCCGG	TCGGGTGCGC	GCGGCGGGTG	GTGGATATGT
	50281	CATCGGGGGC	CCGCCAGGCG	GCGCTGGTGC	GCCTCACCGC	CCTGGAACCTC	ATCAACCGCA
20	50341	CCCGCACAAA	CCCCACCCCT	GTGGGGGAGG	TTATCCACGC	CCACGACGCC	CTGGCGATCC
	50401	AATACGAACA	GGGGCTTGCG	CTGCTGGCGC	AGCAGGCACG	CATTGGCTTG	GGCTCCAACA
	50461	CCAAGCGTTT	CTCCGCGTTC	AACGTTAGCA	GCGACTACGA	CATGTTGTAC	TTTTTATGTC
	50521	TGGGGTTTCAT	TCCACAGTAC	CTGTGCGCGG	TTTAGTGGGT	GGTGGGCGAG	GGGGGAGGGG
	50581	GCATTAGGGA	GAAAAAACAA	GAGCCTCCGT	TGGGTTTTCT	TTGTGCCTGT	ACTCAAAGG
	50641	TCATACCCCG	TAAACGCGGG	GCTCCAGTCC	CGGCCCGCGC	GTTGGCGTGA	ACGCAACGGC
25	50701	GGAGCTGGG	TTAGCGTTTA	GTTTAGCATT	CGCTCTCGCC	TTTCCGCCCC	CCCCCGACC
	50761	GTTGCGCCTT	TTTTTTTTTTC	GTCCACCAAA	GTCTCTGTGG	GTGCGCGCAT	GGCAGCCGAT
	50821	GCCCCGGGAG	ACCGGATGGA	GGAGCCCCTG	CCCGACAGGG	CCGTGCCCAT	TTACGTGGCT
	50881	GGGTTTTTTGG	CCCTGTATGA	CAGCGGGGAC	TCGGGCGAGT	TGGCATTGGA	TCCGGATACG
30	50941	GTGCGGGCGG	CCCTGCCTCC	GGATAACCCA	CTCCCGATTA	ACGTGGACCA	CCGCGCTGGC
	51001	TGCGAGGTGG	GGCGGGTGCT	GGCCGTGGTC	GACGACCCCC	GCGGGCCGTT	TTTTGTGGGG
	51061	CTGATCGCCT	GCGTGCAGCT	GGAGCGCGTC	CTCGAGACGG	CCGCCAGCGC	TGCGATTTTC
	51121	GAGCGCCGCG	GGCCGCCGCT	CTCCCGGGAG	GAGCGCCTGT	TGTACCTGAT	CACCAACTAC
	51181	CTGCCCTCGG	TCTCCCTGGC	CACAAAACGC	CTGGGGGGCG	AGGCGCACCC	GATCGCACCG
35	51241	CTGTTTCGCG	ACGTCGCGCT	GTGCGCGATC	GGGCGGCGCC	TCGGCACTAT	CGTCACCTAC
	51301	GACACCGGTC	TCGACGCCGC	CATCGCGCCC	TTTCGCCACC	TGTCGCGCGC	GTCTCGCGAG
	51361	GGGGCGCGGC	GACTGGCCGC	CGAGGCCGAG	CTCGCGCTGT	CCGGGCGCAC	CTGGGCGCCC
	51421	GGCGTGAGAG	CGCTGACCCA	CACGCTGCTT	TCCACCGCCG	TTAACAACAT	GATGCTGCGG
	51481	GACCGCTGGA	GCCTGGTGGC	CGAGCGGCGG	CGGCAGGCCG	GGATCGCCGG	ACACACCTAC
40	51541	CTCCAGGCGA	GCGAAAAATT	CAAAATGTGG	GGGGCGGAGC	CTGTTTCCGC	GCCGGCGCGC
	51601	GGGTATAAGA	ACGGGGCCCC	GGAGTCCACG	GACATACCGC	CCGGCTCGAT	CGCTGCCGCG
	51661	CCGCAGGGTG	ACCGGTGCCC	AATCGTCCGT	CAGCGCGGGG	TCGCCTTGTC	CCCGGTAAGT
	51721	CCCCCATGA	ACCCCGTTCC	GACATCGGGC	ACCCCGGCCC	CCGCGCCGCG	CCGCGACGGG
45	51781	AGCTACCTGT	GGATCCCGGC	CTCCCATTA	AACCAGCTCG	TCGCCGGCCA	TGCCGCGCCC
	51841	CAACCCAGC	CGCATTCGCG	GTTTGGTTTC	CCGGCTGCGG	CGGGGTCCGT	GGCCTATGGG
	51901	CCTCACGGTG	CGGGTCTTTC	CCAGCATTAC	CCTCCCCACG	TCGCCCATCA	GTATCCCGGG
	51961	GTGCTGTTCT	CGGGACCCAG	CCCACTCGAG	GCGCAGATAG	CCGCGTTGGT	GGGGGCCATA
	52021	GCCGCGGACC	GCCAGGCGGG	CGGTACGCCG	GCCGCGGGAG	ACCCTGGGGT	CCGGGGGTCC
	52081	GGAAAGCGTC	GCCGGTACGA	GGCGGGGCCG	TCGGAGTCCT	ACTGCGACCA	GGACGAACCG
50	52141	GACGCGGACT	ACCCGTACTA	CCCCGGGGAG	GCTCGAGGCG	CGCCGCGCGT	GGTCGACTCC
	52201	CGGCGCGCGG	CCCGCCATTG	TCCCGGGACC	AACGAGACCA	TCACGGCGCT	GATGGGGGCG
	52261	GTGACGTCTC	TGCAGCAGGA	ACTGGCGCAC	ATGCGGGCTC	GGACGACGCG	CCCCATGGA
	52321	ATGTACACGC	CGGTGGCGCA	CTATCGCCCT	CAGGTGGGGG	AGCCGGAACC	AACAACGACC
	52381	CACCCGGCCC	TTTGTCCCCC	GGAGGCCGTC	TATCGCCCCC	CACCACACAG	CGCCCCCTAC
	52441	GGTCCTCCCC	AGGGTCCGGC	GTCCCATGCC	CCCACTCCCC	CGTATGCCCC	AGCTGCCTGC
55	52501	CCGCCAGGCC	CGCCACCGCC	CCCATGTCTT	TCCACCCAGA	CGCGCGCCCC	TCTACCGACG
	52561	GAGCCCGCGT	TCCCCCCCCG	CGCCACCGGA	TCCCAACCGG	AGGCATCCAA	CGCGGAGGCC
	52621	GGGGCCCTTG	TCAACGCCAG	CAGCGCAGCA	CACGTGGACG	TTGACACGGC	CCGCGCCGCC
	52681	GATTTGTTCG	TCTCTCAGAT	GATGGGGGCC	CGCTGATTTC	CCCCGGTCTT	TGGTACCATG
	52741	GGATGTCTTA	CTGTATATCT	TTTTAAATAA	ACCAGGTAAT	ACCAAATAAG	ACCCATTGGT

	52801	GTATGTTCTT	TTTTTATTGG	GAGGCGCGGG	TAGGCGGGTA	GCTTTACAAT	GCAAAAGCCT
	52861	TCGACGTGGA	GGAAGGCGTG	GGGGGGGGGG	GAATCGGCAC	TGACCAAGGG	GGTCCGTTTT
	52921	GTCACGGGAA	AGGAAAGAGG	AAACAGGCCG	CGGACACCCG	GGGGAGTTTG	TGTTCCCTTT
5	52981	TCTTTCTTCC	CACACACACA	AAAGGCGTAC	CAAAACAAACA	AACCAAAAGA	TGCACATGCG
	53041	GTTTAACACC	CGTGGTTTTT	ATTTACAACA	AACCCCCCAT	CACAGGTCGT	CCTCGTCGGC
	53101	GTCACCGTCT	TTGTTGGGAA	CTTGGGTGTA	GTGGTGTTG	CGGCGCTTGC	GCATGACCAT
	53161	GTCGGTGACC	TTGGCGCTGA	GCAGCGCGCT	CGTGCCCTTC	TTCTTGGCCT	TGTGTTCCGT
	53221	GCGCTCCATG	GCAGACACCA	GGGCCATGTA	CCGTATCATC	TCCCGGGCCT	CGGCTAGCTT
10	53281	GGCCTCGTCA	AAGTCGCCGC	CCTCCTCGCC	CTCCCCGGAC	GCGTCCGGGT	TGGTGGGGTT
	53341	CTTGAGCTCC	TTGGTGGTTA	GCGGGTACAG	GGCCTTCATG	GGGTTGCTCT	GCAGCCGCAT
	53401	GACGTAGCGA	AAGGCGAAGA	AGGCCGCCGC	CAGGCCGGCC	AGGACCAACA	GACCCACGGC
	53461	CAGCGCCCCA	AAGGGGTTGG	ACATGAAGGA	GGACACGCCC	GACACGGCCG	ATACCACGCC
	53521	GCCCACGATG	CCCATCACCA	CCTTGCCGAC	CGCGCGCCCC	AGGTCGCCCA	TCCCTCTGAA
15	53581	GAACGCGCCC	AGGCCCGCAA	ACATGGCGGC	GTGCGCGTCG	GCGTGGATGA	CCGTGTCGAT
	53641	GTCGGCGAAG	CGCAGGTCGT	GCAGCTGGTT	GCGGCGCTGG	ACCTCCGTGT	AGTCCAGCAG
	53701	GCCGCTGTCC	TTGATCTCGT	GGCGGGTGTA	CACCTCCAGG	GGGACAAACT	CGTGATCCCTC
	53761	CAGCATGGTG	ATGTTGAGGT	CGATGAAGGT	GCTGACGGTG	GTGATGTCGG	CGCGGCTCAG
	53821	CTGGTGGGAG	TACGCGTACT	CCTCGAAGTA	CACGTAGCCC	CCACCGAAGG	TGAAGTAGCG
	53881	CCGGTGTCCC	ACGGTGCACG	GCTCGATCGC	ATCGCGCGTC	AGCCGCAGCT	CGTTGTTCTC
20	53941	CCCCAGCTGC	CCCTCGACCA	ACGGGCCCTG	GTCTTCGTAC	CGAAAGCTGA	CCAGGGGGCG
	54001	GCTGTAGCAG	GCCCCGGGCC	GCGAGCTGAT	GCGCATCGAG	TTTTGGACGA	TCACGTTGTC
	54061	CGCGGCGACC	GGCACGCACG	TGGAGACGGC	CATCACGTCT	CCGAGCATCC	GCGCGCTCAC
	54121	CCGCCGGCCC	ACGGTGGCCG	AGGCGATGGC	GTGCGGGTTC	AGCTTGCGGG	CCTCGTTCCA
	54181	CAGGTCAGC	TCGTGATTCT	GCAGTCTCGA	CCACGCGATG	GCAACGCGGC	CCAACATATC
25	54241	GTTGACATGG	CGTGTATGT	GGTTGTACGT	AAACTGACAG	CTGGCCGAAC	CGATGGAGGA
	54301	GGTGGTCTTG	ATGCGCTCCA	CGGACGCGTT	GGCGCTGGCC	CCGGGCGGCG	GGGGCGTGCG
	54361	GTTTGGGGGC	TTGCGGCTCT	GCTCGCGGAG	GTGTTCCCGC	ACGTACAGCT	CCGCGAGCGT
	54421	GTTGCTGAGA	AGGGGCTGGT	ACGCGATCAG	AAAGCCCCCA	TTGGCCAGGT	AGTACTGCGG
	54481	CTGGCCACC	TTGATGTGCG	TCGCGTTGTA	CCTGCGGGCG	AAGATGCGGT	CCATGGCGTC
30	54541	GCGGGCGTCC	TTGCCGATGC	AGTCCCCCAG	GTCCACGCGC	GAGAGCGGGT	ACTCGGTCAG
	54601	GTTGGTGGTG	AAGGTGGTGG	ATATGGCGTC	GGAAGAGAAT	CGGAAGGAGC	CGCCGTACTC
	54661	GGAGCGCAGC	ATCTCGTCCA	CCTCCTGCCA	CTTGGTTCATG	GTGCAGACCC	ACGGGCGCTT
	54721	TGGACCCAG	TCCCAGGCCA	CGGTGAACCT	GGGGGTCTGT	AGCAGGTTCC	AGCTGGTTCG
	54781	CGCCGTGGCC	CGGGCCTTGG	TGGTGAGGTC	GCGCGCGTAG	AAGCCGTCGA	CCTGCTTGAA
35	54841	GCGGTGCGCG	GCGTAGCTGG	TGTGTTCCGT	GTGCGACCCC	TCCCGGTAGC	CGTAAAACGG
	54901	GGACATGTAC	ACAAAGTCGC	CAGTCGCCAA	CACAAACTCG	TCGTACGGGT	ACACCGAGCG
	54961	CGCGTCCACC	TCCTCGACGA	TGCAGTTTAC	CGTCGTCCCG	TACCGGTGGA	ACGCCTCCAC
	55021	CCGCGAGGGG	TTGTACTTGA	GGTCGGTGGT	GTGCCAGCCC	CGGCTCGTGC	GGGTGCGGGC
	55081	GTTGGCCGGT	TTCAGCTCCA	TGTCGGTCTC	GTGGTCTGTC	CGGTGAAACG	CGGTGGTCTC
40	55141	CAGGTTGTTG	CGCACGTACT	TGGCCGTGGA	CCGACAGACC	CCCTTGGCGT	TGATCTTGTC
	55201	GATCACCTCC	TCGAAGGGGA	CGGGGGCGCG	GTCTCAAAG	ATCCCCATAA	ACTGGGAGTA
	55261	GCGGTGGCCG	AACCACACCT	GCGAAACGGT	GACGTCTTTG	TAGTACATGG	TGGCCTTGAA
	55321	CTTGATCGGG	GCGATGTTCT	CCTTGAAGAC	CACCGCGATG	CCCTCCGTGT	AGTTCTGACC
	55381	CTCGGGCCGG	GTCGGGCAGC	GGCGCGGCTG	CTCGAACTGC	ACCACCGTGG	CGCCCGTGGG
45	55441	GGGTGGGCAC	ACGTAAAAGT	TTGCATCGGT	GTTCTCCGCC	TTGATGTCCC	GCAGGTGCTC
	55501	GCGCAGGGTG	GCGTGGCCCC	CGGCGACGGT	CGCGTTGTCT	CCGGCGGGGC	GCGGCGGCTT
	55561	TGGGGGTTTC	GGTTTTCTGT	TCTTCTTCGG	TTTCGGGTCC	CCCGTTGGGG	GGGCGCCAGG
	55621	GGCGGGCGGC	GCCGGAGTGG	CAGGGCCCCC	GTTCGCCGCC	TGGGTGCGCG	CCGCGACCCC
	55681	AGGCGTGCCG	GGGGAACTCG	GAGCCGCCGA	CGCCACCAGG	ACCCCCAGCG	TCAACCCCAA
50	55741	GAGCGCCCAT	ACGACGAACC	ACCGCGCCCC	CCGCGCGGGG	GCGCCCTGGC	GCATGGCGGG
	55801	ACTACGGGGG	CCCGTCGTGC	CCCCCGTCAG	GTAGCCTGGG	GGCGAGGTGC	TGGAGGACCG
	55861	AGTAGAGGAT	CGAGAAAACG	TCTCGGTCTG	AGACCACGAC	CGACCGGGGG	CCGATACAGC
	55921	CGTCGGGGGC	GCTCTCGACG	ATGGCCACCA	GCGGACAGTC	GGAGTCGTAC	GTGAGATATA
	55981	CGCCGGGCGG	GTAACGGTAA	CGACCTTCGG	AGGTGCGGGC	GCTGCAGTCC	GGGCGGCGCA
55	56041	ACTCGAGCTC	CCCGCACCGG	TAGACCGAGG	CAAAGAGTGT	GGTGGCGATA	ATCAGCTCGC
	56101	GAATATATCG	CCAGGCGGGC	CGCTGAGTGG	GCGTTATTTC	GGAAATGCCG	TCAAAACAGT
	56161	AAAACCTCTG	AAATTGCGTG	ACGGCCCCAT	CAGCACCCGA	GCCCCCGGCC	CCCATGATGA
	56221	ACCGGGCGAG	CTCCTCCTTC	AGGTGCGGCA	GGAGCCCCAC	GTTCTCGACG	CTGTAATACA
	56281	GCGCGGTGTT	GGGGGGCTGG	GCGAAGCTGT	GGGTGGAGTG	ATCAAAGAGG	GGCCCCGTTGA

	56341	CGAGCTCGAA	GAAGCGATGG	GTGATGCTGG	GGAGCAGGGC	CGGGTCCACC	TGGTGTGCGA
	56401	GGAGAGACGC	TCGCATGAAC	CGGTGCGCGT	CGAACACGCC	CGGCGCCGAG	CGGTTGTGCA
	56461	TGACCGTGCC	CGCGCCCGCC	GTCAGGGCGC	AGAAGCGCGC	GCGCGCCGCA	AAGCCGTTGG
5	56521	CGACCGCGGC	GAACGTTCGCG	GGCAGCACCT	CGCCGTGGAC	GCTGACCCGC	AGCATCTTCT
	56581	CGAGTCCCC	GCGCTGCTCG	CGGACGCAGC	GCCCCAGGCT	GGCCAACGAC	CGCTTCGTCA
	56641	GGCGGTCCGC	GTACAGCCGC	CGTCGCTCCC	GCACGTCCGC	GGCCGCTTGC	GTGGCGATGT
	56701	CCCCCACGT	CTCGGGCCCC	TGCCCCCCGG	GCCCCGCGCG	ACGGTCTTCG	TCCTCGCCCC
	56761	CCCCCCCGG	AGTCCCAAC	CCCCGTGCCC	CTTCCTCTAC	GGCGACACGG	TCCCCGTCGT
	56821	CGTCGGGGCC	CGCGCCGCCC	TTGGGCGCGT	CCGCGCGGCC	CCCCGCCCCC	ATGCGCGCCA
10	56881	GCACGCGACG	CAGCGCCTCC	TCGTGCGACT	GTTCGGGGCT	GACGAGGCGC	CGCAAGAGCG
	56941	GCGTCGTGAG	GTGGTGGTTC	TAGCACGCGC	GGATGAGCGC	CTCGATCTGA	TCGTGCGGGT
	57001	ACGTGGCCTG	ACCGCCGATT	ATTAGGGCGT	CCACCATATC	CAGCGCCGCC	AGGTGGCTCC
	57061	CGAACGCGCG	ATCGAAATGC	TCCGCCCGCC	GCCCCAACAG	CGCCAGTTCC	ACGGCCACCG
15	57121	CGGCGGTCTC	CTGCTGCAAC	TCGCGCCCGC	CCAGCGCGGT	CAGGTTGCTG	GCAAACGCGT
	57181	CCATGGTGGT	CTGGCCGGCG	CGGTGCGCCG	ACGCGAGCCA	GAATCGCAAT	TCGCTGATGG
	57241	CGTACAGGCC	GGGCGTGGTG	GCCTGAAACA	CGTCGTGCGC	CTCCAGCAGG	GCGTCGGCCT
	57301	CCTTGCGGAC	CGAGTCGTTT	TCGGGCGACG	GGTGGGGCTG	CCCGTCGCCC	CCCGCGGTCC
	57361	GGGCCAGCGC	ATGGTCCAAC	ACGGAGAGCG	CCCGCGCGCG	GTCGGCGTCC	GACAGCCCGG
	57421	CGGCGTGGGG	CAGGTACCGC	CGCAGCTCGT	TGGCGTCCAG	CCGCACCTGC	GCCTGCTGGG
20	57481	TGACGTGGTT	ACAGATACGG	TCCGCCAGGC	GGCGGGCGAT	CGTCGCCCCC	TGGTTCGCCG
	57541	TCACACACAG	TTCCTCGAAA	CAGACCGCGC	AGGGGTGGGA	CGGGTCGCTA	AGCTCCGGGG
	57601	GGACGATAAG	GCCCCACCCC	ACCGCCCCCA	CCATAAACTC	CCGAACGCGC	TCCAGCGCGG
	57661	CGGTGGCGCC	GCGCGAGGGG	GTGATGAGGT	GGCAGTAGTT	TAGCTGCTTT	AGAAAGTTCT
	57721	CGACGTCGTG	CAGGAAACAC	AGCTCCATAT	GGACGCTCCC	GCCATACGTA	TCCAGCCTGA
25	57781	CCCGTTGGTG	ATACGGACAG	GGTCGGGCCA	GGCCCATGGT	CTCCGTGAAA	AACGCCGCGA
	57841	CGTCTCCCGC	GGTCGCGAAC	GTCTCCAGGC	TGCCCAGGAG	CCGCTCGCCC	TCGCGCCACG
	57901	CGTACTCTAG	CAGCAACTCC	AGGGTGACCG	ACAGCGGGGT	GAGAAAGGCC	CCGGCCTGGG
	57961	CCTCCAGGCC	CGGCCTCAGA	CGACGCCGCA	GCGCCCGCAC	CTGAAGCGCG	TTCAGCTTCA
	58021	GTTGGGGGAG	CTTCCCCCGT	CCGATGTGGG	GGTCGCACCG	CCGGAGCAGC	TCTATCTGAA
30	58081	ACACATAGGT	CTGCACCTGC	CCGAGCAGGG	CTAACAACCT	TTGACGGGCC	ACGGTGGGCT
	58141	CGGACACCGG	GGCGGCCATC	TCGCGGCGCC	GATCTGTACC	GCGGCCGGAG	TATGCGGTGG
	58201	ACCGAGGCGG	TCCGTACGCT	ACCCGGCGCT	TGGCTGAGCC	CCGGGGTCCC	CCTCTTCGGG
	58261	CGGGCTCCCC	GCGGGCCCGC	CGACCGGCAA	GCCGGGAGTC	GGCGGCGCGT	GCGTTTCTGC
	58321	TCTATTCCCA	GACACCGCGG	AGAGGAATCA	CGGCCCGCCC	AGAGATATAG	ACACGGAACA
35	58381	CAAACAAGCA	CGGATGTGCT	AGCAATAATT	TATTTTACAC	ACATTCCCCG	CCCCGCCCTA
	58441	GGTTCCCCCA	CCCCCAACC	CCTCACAGCA	TATCCAACGT	CAGGTCTCCC	TTTTTGTGCG
	58501	GGGGCCCCCT	CCCAAACGGG	TCATCCCCGT	GGAACGCCCC	TTTGCGGCCG	GCAAATGCCG
	58561	GTCCCGGGGC	CCCCGGGCCG	CCGAACGGCG	TCGCGTTGTC	GTCTTCGCAG	CCAAAATCCC
	58621	CAAAGTTAAA	CACCTCCCCG	GCGTTGCCGA	GTTGGCTGAC	TAGGGCCTCG	GCCTCGTGCG
40	58681	CCACCTCCAG	GGCCGCGTCC	GTCGACCACT	CGCCGTTGCC	GCGCTCCAGG	GCACGCGCGG
	58741	TCAGCTCCAT	CATCTCCTCG	CTTAGGTACT	GTCTCTCCAG	GAGCGCCAGC	GAGCTCTCGA
	58801	TCTGCAGCTG	CTGGGTGCGG	GGCCCCAGGC	TTTTTACGGT	CGCCACGAAC	ACGCTACTGG
	58861	CGACGGCCGC	CCCGCCCTCG	GAGATAATGC	CCCGGAGCTG	CTCGCACAGC	GAGCTTTCGT
	58921	GCGCTCCGCC	GCCGAGGCTT	GAGGCCGCGC	ACACAAACCC	GGCCCGGGGA	CAGGCCAGGA
45	58981	CGAACTTGCG	GGTGCGGTCA	AAAATAAGGA	GCGGGCACGC	GTTTTTGGCC	CCCATCAGGC
	59041	TGGCCCAGTT	CCCGGCCTGA	AACACACGGT	CGTTGCCCGC	CATGCCGTAG	TACTTGCTGA
	59101	TGCTCAACCC	CAACACGACC	ATGGGGCGCG	CCGCCATGAC	GGGCCGACGC	AGGTTGCAGC
	59161	TGGCGAACAT	GGACGTCCAC	GCGCCCGGAT	GCGCGTCCAC	GGCGTCCATC	AGCGCGCGGG
	59221	CCCCGGCCTC	CAGGCCCGCC	CCGCCCTGCG	CGGACCACGC	GGCCGACGCC	TGCACGCTGG
50	59281	GGGGACGGCG	GGACCCCGCG	ATGATGGCCG	TAAAGGTGTT	GATGAAGTAT	GTGAGTGAT
	59341	CGCAGTACCG	CAGAATCTGG	TTTGCCATGT	AGTACATCGC	CAGCTCGCTC	ACGTTGTTGG
	59401	GGGCCAGGTT	AATAAAGTTT	ATCGCGCCGT	AGTCCAGGGA	AAACTTTTTTA	ATGAACGCGA
	59461	TGGTCTCGAT	GTCTCTCGCG	GACAGGAGCC	GGGCGGGAAG	CTGGTTGCGT	TGGAGGGCCG
	59521	TCCAGAACCA	CTGCGGGTTC	GGCTGGTTGG	ACCCCGGGGG	CTTGCCGTTG	GGGAAGATGG
55	59581	CCGCGTGGAA	CTGCTTCAGC	AGAAAGCCCA	GCGGTCCGAG	GAGGATGTCC	ACGCGCTTGT
	59641	CGGGCTTCTG	GTAGGCGCTC	TGGAGGCTGG	CGACCCGCGC	CTTGCGGGCC	TCGGACGCGT
	59701	TGGCGCTCGC	GCCCCGGAAC	AACACGCGGC	TCTTGACGCG	CAGCTCCTTG	GGAAACCCCA
	59761	GGGTCACGCG	GGCAACGTCG	CCCTCGAAGC	TGCTCTCGGC	GGGGGCCGTC	TGGCCGGCCG
	59821	TTAGGCTGGG	GGCGCAGATA	GCCGCCCCCT	CCGAGAGCGC	GACCGTCAGC	GTTTTGGCCG

	59881	ACAGAAACCC	GTTGTTAAAC	ATGTCCATCA	CGCGCCGCCG	CAGCACCGGT	TGGAATTGAT
	59941	TGCGAAAGTT	GCGCCCCTCG	ACCGACTGCC	CGGCGAACAC	CCCGTGGCAC	TGACTCAGGG
	60001	CCAGGTCCTG	GTACACGGCG	AGGTTGGATC	GCCGCCCGAG	AAGCTGAAGC	AGGGGGCACC
5	60061	GCCCGCACGC	GTACGGGTCC	AGCGTCAGGG	ACATGGCGTG	GTTGGCCTCG	CCCAGACCGT
	60121	CGCGAAACTT	GAAGTTCCTC	CCCTCCACCA	GGTTGCGCAT	CAGCTGCTCC	ACCTCGCGGT
	60181	CCACGACCTG	CCTGACGTTG	TTCACCACCG	TATGCAGGGC	CTCGCGGTG	GTGATGATGG
	60241	TCTCCAGCCG	CCCCATGGCC	GTGGGGACCG	CCTGGTCCAC	GTACTGCAGG	GTCTCGAGTT
	60301	CGGCCATGAC	GCGCTCGGTC	GCCGCGCGGT	ACGTCTCCTG	CATGATGGTC	CGGGCGGTCT
	60361	CGGATCCGTC	CGCGCGCTTC	AGGGCCGAGA	AGGCGGCGTA	GTTTCCAGC	ACGTGCGAGT
10	60421	CGCTGTACAT	GCTGTTTCATG	GTCCCGAAGA	CGCCGATGGC	TCCGCGGGCG	GCGCTGGCGA
	60481	ACTTTGGATG	GCGCGCCCGG	AGGCGCATGA	GCGTCGTGTG	TACGCGGGCG	TGGCGCGTGT
	60541	CGAAGGTGCA	TAGGTTACAG	GGCACGTCGG	TCTGGTTGGA	GTCCGCGACG	TATCGAAACA
	60601	CGTCCATCTC	CTGGCGCCCC	ACGATCACGG	CGCCGTCGCA	GCGCTCCAGG	TAAACACAGCA
	60661	TCTTGGCCAG	CAGCGCCGGG	GAAAACCCAC	ACAGCATGGC	CAGGTGCTCG	CCGGCAAATT
15	60721	CCTGGGTTC	GCCGACGAGG	GGCGCGGTGG	GCCGACCCTC	GAACCCGGGC	ACCACGTGTC
	60781	CCTCGCGGTC	CACCTGTGGG	TTGGCCGCCA	CGTGGGTCCC	GGGCACGAGG	AAGAACGCGT
	60841	AAAAGGAGGG	TTTGCTGTGG	TCCTTTGGGT	CCGCCGGGCC	GGCGTCGTCC	ACCTCGGTGA
	60901	GATGGAGGGC	CGAGTTGGTG	CTAAATACCA	TGGCCCCCAC	GAGTCCCGCG	GCGCGCGCCA
	60961	GGTACGCCCC	GACGGCGTTG	GCGCGGGCCG	CGGCCGTGTC	CTGGCCCTCG	AACAGCGGCC
20	61021	ACGCGGAGAT	GTCGGTGGGC	GGCTCGTCAA	AGACGGCCAT	CGACACGATA	GACTCGAGGG
	61081	CCAGGGCGGC	GTCTCCGGCC	ATGACGGAGG	CCAGGCGCTG	TTCGAACCCG	CCCGCCGCGC
	61141	CCTTGCCGCC	GCCGTCGCGC	CCGCCCCCGC	GGGTCTTACC	CTGGCTGGCT	TCGAAGGCCG
	61201	TGAACGTAAT	GTCGGCGGGG	AGGGCGGCGC	CCTCGTGGTT	TTCGTCAAAC	GCCAGGTGGG
	61261	CGGCCGCGCG	GGCCACGGCG	TCCACGTTTC	GGCATCGCAG	TGCCATGCCG	GCGGGTCCCA
25	61321	CAGACGCCTC	GAACAGGAGG	CGGTTGAGGG	GGCGGTTAAA	AAACGGAAGC	GGGTAGGTAA
	61381	ATTTCTCCCC	GATCGATCGG	TGGTTGGCGT	TGAACGGCTC	TGCGATGACA	CGGCTAAAAT
	61441	CCGGCATGAA	CAGCTGCAAC	GGGTACACGG	GTATGCGGTG	CACCTCCGCC	CCGCCATATG
	61501	TTACCTTGTC	CGAGCCTCCC	AGGTGCAGAA	AGGTGTTGTT	GATGCACACG	GCCTCCTTGA
	61561	AGCCCTCGGT	AACGACCAGA	TACAGGAGGG	CGCGGTCCGG	GTCCAGGCCG	AGGCGCTCAC
30	61621	ACAGCGCCTC	CCCCGTCGTC	TCGTGTTTGA	GGTCGCCGGG	CCGGGGGGTG	TAGTCCGAAA
	61681	AGCCAAAATG	GCGGCGTGCC	CGCTCGCAAA	GTGCGGTCAG	GTTCCGGGGC	TGGGTGCTGG
	61741	GGTCCAGGTG	CCGGCCGCCG	TGAAGACGT	ACACGGACGA	GCTGTAGTGC	GAGGGCGTCA
	61801	GTTTCAGGGA	CACCGCGTA	CCCCCGAGCC	CCGTGCTGCG	AGAACCACG	ACCACGGCCA
	61861	GTTTGGCCTC	AAAGCCGCTC	TCCACGGTCA	GGCCACGAC	CAGGGGCGCC	ACGGCGACGT
35	61921	CGGAATCGCC	GCTGCGTGCC	GACAGTAACG	CCAGAAGCTC	GATGCCTTCG	GACGGACACG
	61981	CGCGAGCGTA	CACGTATCCC	AGGGGCCCGG	GGGGGACCTT	GATGGTGGTT	GCCGTCTTGG
	62041	GCTTTGTCTC	CATGTCCTTT	TGTCAATCGG	TCCGCGAACG	GAGGTAATCC	CGGCACGACG
	62101	ACGGACGCCC	GACAAGGTAT	GTCTCCCGAG	CGTCAAAATC	CGGGGGGGGG	CGGCGACGGT
	62161	CAAGGGGAGG	GTTGGAGACC	GGGGTTGGGG	AATGAATCCC	TCCCCTTCAC	CGACAACCCC
40	62221	CCGGGTAACC	ACGGGGTCGC	CGATGAACCC	CGGCGGCCGG	CAACGCGGGG	TCCCTGCGAG
	62281	AGGCACAGAT	GCTTACGGTC	AGGTGCTCCG	GGTCGGGTGC	GTCTGGTATG	CGTGTGGTAT
	62341	ATGTACACTT	TACCTGGGGG	CGTGCCGGTC	CGCCCCAGCC	CCTCCCAGCG	CCCGCGCGTC
	62401	ATCAGCCGGT	GGGCGTGGCC	GCTATTATAA	AAAAAGTGAG	AACGCGAAGC	GTTTCGCACTT
	62461	TGTCCTAATA	ATATATATAT	TATTAGGACA	AAGTGCGAAC	GCTTCGCGTT	CTCACTTTTTT
45	62521	TTATAATAGC	GGCCACGCCC	ACCGGCTACG	TCACTCTCCT	GTGCGCCGCC	GGCGGTCCAT
	62581	AAGCCCGGCC	GGCCGGGGCG	ACGCGAATAA	ACCGGGCCGC	CGGCCGGGGC	GCCGCGCAGC
	62641	AGTCGCGCGC	CCGGATCCGC	CAGACAAACA	AGGCCCTTGC	ACATGCCGGC	CCGGGCGAGC
	62701	CTGGGGGTCC	GGTAATTTTG	CCATCCCACC	CAAGCGGCTT	TTTGGGTTTT	TCTCTTCCCC
	62761	CCTCCCCACA	TTCCCCTCTT	TAGGGGTTCG	GGTGGGAACA	ACCGCGATGT	TTTCCGGTGG
50	62821	CGGCGGCCCC	CTGTCCCCCG	GAGGAAAGTC	GGCGGCCAGG	CGGCGTCCG	GGTTTTTTGC
	62881	GCCCCGCGGC	CCTCGCGGAG	CCAGCCGGGG	ACCCCCGCTT	TGTTTGAGGC	AAACTTTTTTA
	62941	CAACCCCTAC	CTCGCCCCAG	TCGGGACGCA	ACAGAAGCCG	ACCGGGCCAA	CCCAGCGCCA
	63001	TACGTACTAT	AGCGAATGCG	ATGAATTTTCG	ATTTCATCGCC	CCGCGGGTGC	TGGACGAGGA
	63061	TGCCCCCCCC	GAGAAGCGCG	CCGGGGTGCA	CGACGGTCAC	CTCAAGCGCG	CCCCCAAGGT
55	63121	GTACTGCGGG	GGGGACGAGC	GCGACGTCCT	CCGCGTCGGG	TCGGGCGGCT	TCTGGCCGCG
	63181	GCGCTCGCGC	CTGTGGGGCG	GCGTGGACCA	CGCCCCGGCG	GGGTTCGAAC	CCACCGTCAC
	63241	CGTCTTTCAC	GTGTACGACA	TCCTGGAGAA	CGTGGAGCAC	GCGTACGGCA	TGCGCGCGGC
	63301	CCAGTTCCAC	GCGCGGTTTA	TGGACGCCAT	CACACCGACG	GGGACCGTCA	TCACGCTCCT
	63361	GGGCCTGACT	CCGGAAGGCC	ACCGGTGGC	CGTTCACGTT	TACGGCACGC	GGCAGTACTT

	63421	TTACATGAAC	AAGGAGGAGG	TCGACAGGCA	CCTACAATGC	CGCGCCCCAC	GAGATCTCTG
	63481	CGAGCGCATG	GCCGCGGCCC	TGCGCGAGTC	CCCGGGCGCG	TCGTTCCGCG	GCATCTCCGC
	63541	GGACCACTTC	GAGGCGGAGG	TGGTGGAGCG	CACCGACGTG	TACTACTACG	AGACGCGCCC
5	63601	CGCTCTGTTT	TACCGCGTCT	ACGTCCGAAG	CGGGCGTGTG	CTGTCTGTAC	TGTGCGACAA
	63661	CTTCTGCCCC	GCCATCAAGA	AGTACGAGGG	TGGGGTCGAC	GCCACCACCC	GGTTCATCCT
	63721	GGACAACCCC	GGGTTCGTCA	CCTTCGGCTG	GTACCGTCTC	AAACCGGGCC	GGAAACAACAC
	63781	GCTAGCCCAG	CCGGCGGCCC	CGATGGCCTT	CGGGACATCC	AGCGACGTCC	AGTTTAACTG
	63841	TACGGCGGAC	AACCTGGCCA	TCGAGGGGGG	CATGAGCGAC	CTACCGGCAT	ACAAGCTCAT
10	63901	GTGCTTCGAT	ATCGAATGCA	AGGCGGGGGG	GGAGGACGAG	CTGGCCTTTC	CGGTGGCCGG
	63961	GCACCCGGAG	GACCTGGTCA	TCCAGATATC	CTGTCTGCTC	TACGACCTGT	CCACCACCGC
	64021	CCTGGAGCAC	GTCTTCCTGT	TTTCGCTCGG	TTCTTGCGAC	CTCCCCGAAT	CCCACCTGAA
	64081	CGAGCTGGCG	GCCAGGGGCC	TGCCCCACGC	CGTGGTTCTG	GAATTGCGAC	GCGAATTCTGA
	64141	GATGCTGTTG	GCCTTCATGA	CCCTTGTGAA	ACAGTACGGC	CCCGAGTTCG	TGACCGGGTA
15	64201	CAACATCATC	AACTTCGACT	GGCCCTTCTT	GCTGGCCAAG	CTGACGGACA	TTTACAAGGT
	64261	CCCCCTGGAC	GGGTACGGCC	GCATGAACGG	CCGGGGCGTG	TTTCGCGTGT	GGGACATAGG
	64321	CCAGAGCCAC	TTCCAGAAGC	GCAGCAAGAT	AAAGGTGAAC	GGCATGGTGA	ACATCGACAT
	64381	GTACGGGATT	ATAACCGACA	AGATCAAGCT	CTCGAGCTAC	AAGCTCAACG	CCGTGGCCGA
	64441	AGCCGTCTCT	AAGGACAAGA	AGAAGGACCT	GAGCTATCGC	GACATCCCCG	CCTACTACGC
	64501	CGCCGGGCCC	GCGCAACGCG	GGGTGATCGG	CGAGTACTGC	ATACAGGATT	CCCTGCTGGT
20	64561	GGGCCAGCTG	TTTTTTTAAGT	TTTTGCCCCA	TCTGGAGCTC	TCGGCCGTCG	CGCGCTTGGC
	64621	GGGTATTAAC	ATCACCCGCA	CCATCTACGA	CGGCCAGCAG	ATCCGCGTCT	TTACGTGCCT
	64681	GCTGCGCCTG	GCCGACCAGA	AGGGCTTTAT	TC TGCCGGAC	ACCCAGGGGC	GATTTAGGGG
	64741	CGCCGGGGGG	GAGGCGCCCA	AGCGTCCGGC	CGCAGCCCGG	GAGGACGAGG	AGCGGCCAGA
	64801	GGAGGAGGGG	GAGGACGAGG	ACGAACGCGA	GGAGGGCGGG	GGCGAGCGGG	AGCCGGAGGG
25	64861	CGCGCGGGAG	ACCGCCGGCA	GGCACGTGGG	GTACCAGGGG	GCCAGGGTCC	TTGACCCCCAC
	64921	TTCCGGGTTT	CACGTGAACC	CCGTGGTGGT	GTTCGACTTT	GCCAGCCTGT	ACCCAGCAT
	64981	CATCCAGGCC	CACAACCTGT	GCTTCAGCAC	GCTCTCCCTG	AGGGCCGACG	CAGTGGCGCA
	65041	CCTGGAGGCG	GGCAAGGACT	ACCTGGAGAT	CGAGGTGGGG	GGGCGACGGC	TGTTCTTTCGT
30	65101	CAAGGCTCAC	GTGCGAGAGA	GCCTCCTCAG	CATCCTCCTG	CGGGACTGGC	TCGCCATGCG
	65161	AAAGCAGATC	CGCTCGCGGA	TTCCCCAGAG	CAGCCCCGAG	GAGGCCGTGC	TCTGGACAA
	65221	GCAGCAGGCC	GCCATCAAGG	TCGTGTGTAA	CTCGGTGTAC	GGGTTTACGG	GAGTGCAGCA
	65281	CGGACTCCTG	CCGTGCCTGC	ACGTTGCCGC	GACGGTGACG	ACCATCGGCC	GCGAGATGCT
	65341	GCTCGCGACC	CGCGAGTACG	TCCACGCGCG	CTGGGCGGCC	TTCGAACAGC	TCCTGGCCGA
35	65401	TTTCCCGGAG	GCGGCCGACA	TGCGCGCCCC	CGGGCCCTAT	TCCATGCGCA	TCATCTACGG
	65461	GGACACGGAC	TCCATCTTTG	TGCTGTGCCG	CGGCCTCACG	GCCGCCGGGC	TGACGGCCGT
	65521	GGGCGACAAG	ATGGCGAGCC	ACATCTCGCG	CGCGCTGTTT	CTGCCCCCA	TCAAACTCGA
	65581	GTGCGAAAAG	ACGTTTACCA	AGCTGCTGCT	GATCGCCAAG	AAAAAGTACA	TCGGCGTCAT
	65641	CTACGGGGGT	AAGATGCTCA	TCAAGGGCGT	GGATCTGGTG	CGCAAAAACA	ACTGCGCGTT
40	65701	TATCAACCGC	ACCTCCAGGG	CCCTGGTTCGA	CCTGCTGTTT	TACGACGATA	CCGTCTCCGG
	65761	AGCGGCCGCC	GCGTTAGCCG	AGCGCCCCGC	GGAGGAGTGG	CTGGCGCGAC	CCCTGCCCGA
	65821	GGGACTGCAG	GCGTTCGGGG	CCGTCTCTGT	AGACGCCCAT	CGGCGCATCA	CCGACCCGGA
	65881	GAGGGACATC	CAGGACTTTG	TCTCTACCGC	GCAACTGAGC	AGACACCCGC	GCGCGTACAC
	65941	CAACAAGCGC	CTGGCCCAAC	TGACCGTGTA	TTACAAGCTC	ATGGCCCGCC	GCGCGCAGGT
45	66001	CCCGTCCATC	AAGGACCGGA	TCCCGTACGT	GATCGTGGCC	CAGACCCGCG	AGGTAGAGGA
	66061	GACGGTTCGCG	CGGCTGGCCG	CCCTCCGCGA	GCTAGACGCC	GCCGCCCCAG	GGGACGAGCC
	66121	CGCCCCCCCC	GCGGCCCTGC	CCTCCCCGGC	CAAGCGCCCC	CGGGAGACGC	CGTCGCCTGC
	66181	CGACCCCCCG	GGAGGCGCGT	CCAAGCCCCG	CAAGCTGCTG	GTGTCCGAGC	TGGCCGAGGA
	66241	TCCCGCATAC	GCCATTGCCC	ACGGCGTTCG	CCTGAACACG	GACTATTACT	TCTCCACCT
50	66301	GTTGGGGGCG	GCGTGCCTGA	CATTCAAGGC	CCTGTTTGGG	AATAACGCCA	AGATCACCGA
	66361	GAGTCTGTTA	AAAAGGTTTA	TTCCCGAAGT	GTGGCACCCC	CCGGACGACG	TGGCCGCGCG
	66421	GCTCCGGACC	GCAGGGTTTC	GGGCGGTGGG	TGCGGCGGCT	ACGGCGGAGG	AAACTCGTCG
	66481	AATGTTGCAT	AGAGCCTTTG	ATACTCTAGC	ATGAGCCCCC	CGTCGAAGCT	GATGTCCCTC
	66541	ATTTTACAAT	AAATGTCTGC	GGCCGACACG	GTCGGAATCT	CCGCGTCCGT	GGGTTTCTCT
	66601	GCGTTGCGCC	GGACCACGAG	CACAAACGTG	CTCTGCCACA	CGTGGGCGAC	GAACCGGTAC
55	66661	CCCGGGCACG	CGGTGAGCAT	CCGGTCTATG	AGCCGGTAGT	GCAGGTGGGC	GGACGTGCCG
	66721	GGAAAGATGA	CGTACAGCAT	GTGGCCCCCG	TAAGTGGGGT	CCGGGTAAAA	CAACAGCCGC
	66781	GGGTTCGACG	CCCCGCCTCC	GCGCAGGATC	GTGTGGACGA	AAAAAAGCTC	GGGTTGGCCA
	66841	AGAATCCCCG	CCAAGAGGTC	CTGGAGGGGG	GCGTTGTGGC	GGTCGGCCAA	CACGACCAAG
	66901	GAGGCCAGGA	AGGCGCGATG	CTCGAATATC	GTGTTGATCT	GCTGCACGAA	GGCCAGGATT

	66961	AGGGCC <sup>1</sup> TCGC	GGCTGGTGGC	GGCGAACCGC	CCGTCTCCCC	CGTTGCACGC	GGGACAGCAA
	67021	CCCCGATGC	CTAGGTAGTA	GCCCATCCCC	GAGAGGGTCA	GGCAGTTGTC	GGCCACGGTC
	67081	TGGTCCAGAC	AGAAGGGCAG	CGAGACGGGA	GTGGTCTTCA	CCAGGGGCAC	CGAGAGCGAG
	67141	CGCACGATGG	CGATCTCCTC	GGAGGGCGTC	TGGGCGAGGG	CGGCGAAAAG	GCCCCGATAG
5	67201	CGCTGGCGCT	CGTGTAACA	CAGCTCCTGT	TTGCGGGCGT	GAGGCGGCAG	GCTCTTCCGG
	67261	GAGGCCCGAC	GCACCACGCC	CAGAGTCCCC	CCGGCCGCAG	AGGAGCGCGA	CCGCCGGCGC
	67321	TCCTTGCCGT	GATAGGGCCC	GGGCCGGGAG	CCGCGGCGAT	GGGGGTGGT	GTATACATA
	67381	GGTACACAGG	GTGTGCTCCA	GGGACAGGAG	CGAGATCGAG	TGGCGTCTAA	GCAGCGCGCC
	67441	CGCCTCACGG	ACAAATGTGG	CGAGCGCGGT	GGGCTTTGGT	ACAAATACCT	GATACGTCTT
10	67501	GAAGGTGTAG	ATGAGGGCAC	GCAACGCTAT	GCAGACACGC	CCCTCGAACT	CGTTCCTCGCA
	67561	GGCCAGCTTG	GCCTTGTGGA	GCAGCAGCTC	GTCGGGATGG	GTGGCGGGGG	GATGGCCGAA
	67621	CAGAACCCAG	GGGTCAACCT	CCATCTCCGT	AATGGCGCAC	ATGGGGTCAC	AGAACATGTG
	67681	CTTAAAGATG	GCCTCGGGCC	CCGCGGCCCC	AAGCAGGCTC	ACAAACCGGC	CCCCGTCCCC
	67741	GGGCTGCGTC	TCGGGGTCAG	CCTCGAGCTG	GTCGACGACG	GGTACGATAC	AGTCGAAGAG
15	67801	GCTCGTGTTG	TTTTCGGAGT	AGCGGACCAC	GGAGGCCCGG	AGTCTGCGCA	GGGCCAGCCA
	67861	GTAAGCACGC	ACCAATAACA	GGTTACACAG	CAGGCATTCT	CCGCCGGTGC	CCCCGCGCCC
	67921	CCGGCCGTGT	TTGAGCACGG	TGGCCATCAG	AGGGCCCAGG	TCGAGGTCGG	GCTGGGCATC
	67981	GGGTTTCGTA	AACTGCGCAA	AGCGCGGAGC	CACGTCGCGC	GTGCGTGCCC	CGCGATGCGC
	68041	TTCCCAGGAC	TGGCGGACCG	TGGCGCGACG	GGCCTCCGCG	GCAGCGCGCA	GCTGGGGCCC
20	68101	CGACTCCAG	ACGGCGGGGG	TGCCGGCGAG	GAGCAACAGG	ACCAGATCCG	CGTACGCCCA
	68161	CGTATCGGC	GACTCCTCCG	GCTCGCGGTC	CCCGGCGACC	GTCTCGAATT	CCCCGTTCGC
	68221	AGCGGCGGCG	CGAGTACAGC	AGCTGTCCCC	GCCCCGCGC	CGACCCTCCG	TGCAGTCCAG
	68281	GAGACGGGCG	CAATCCTTCC	AGTTCATCAG	CGCGGTGGTG	AGCGACGGCT	GCGTGCCGGA
	68341	TCCCGCGCC	GACCCCGCCA	CCTCCTCGCC	CCCGGAGGCC	AAGGTTCCGA	TGAGGGCCCG
25	68401	GCTGGCAGAC	TGCGCCAGGA	ACGAGTAGTT	GGAGTACTGC	ACCTTGCGCG	CTCCCGGGGA
	68461	GGGCGAGGGC	TTGGGTGCT	TCTGGGCATG	CCGCCCGGGC	ACCCCGCCGT	CGGTACGGAA
	68521	GCAGCAGTGG	AGAAAAAGT	GCCGGTGGAT	GTCGTTTATG	GTGAGGGCAA	AGCGTGCAGAA
	68581	GGAGCCGACC	AGGGTCGCCT	TCTTGGTGCG	CAGAAAGTGG	CGGTCCATGA	CGTACACAAA
	68641	CTCGAACGCG	GCCACGAAGA	TGCTAGCGGC	GCAGTGGGGC	GCCCCCAGGC	ATTTGGCACA
30	68701	GAGAAACGCG	TAATCGGCCA	CCCACTGAGG	CGAGAGGCGG	TAGGTTTGCT	TGTACAGCTC
	68761	GATGGTGCGG	CAGACCAGAC	AGGGCCGGTC	CAGCGCGAAG	GTGTCGATGG	CCGCCGCGGA
	68821	AAAGGGCCCC	GTGTCCAAAA	GCCCCCTCCC	ACAGGGATCC	GGGGGCGGGT	TGCGGGGTCC
	68881	TCCGCGCCCG	CCCGAACCCC	CTCCGTCGCC	CGCCCCCCCC	CGGGCCCTTG	AGGGGGCGGT
	68941	GACCACGTCG	GCGGCGACGT	CCTCGTCGAG	CGTACCGACG	GGCGGCACAC	CTATCACGTG
35	69001	ACTGGC CGTC	AGGAGCTCGG	CGCAGAGAGC	CTCGTTAAGA	GCCAGGAGGC	TGGGATCGAA
	69061	GGCCACATAC	GCGCGCTCGA	ACGCCCCCGC	CTTCCAGCTG	CTGCCGGGGG	ACTCTTCGCA
	69121	CACCGCGACG	CTCGCCAGGA	CCCCGGGGGG	CGAAGTTGCC	ATGGCTGGGC	GGGAGGGGCG
	69181	CACGCGCCAG	CGAACTTTAC	GGGACACAAAT	CCCCGACTGC	GCGCTGCGGT	CCCAGACCCT
	69241	GGAGAGTCTA	GACGCGCGCT	ACGTCTCGCG	AGACGGCGCG	CATGACGCGG	CCGTCTGGTT
40	69301	CGAGGATATG	ACCCCCGCCG	AGCTGGAGGT	TGTCTTCCCC	ACTACGGACG	CCAAGCTGAA
	69361	CTACCTGTCTG	CGGACGCGAG	GGCTGGCCTC	CCTCCTGACG	TACGCCGGGC	CTATAAAAGC
	69421	GCCCGACGAC	GCCGCCGCCC	CGCAGACCCC	GAGACACCGC	TGTGTGCACG	GCGAGCTGCT
	69481	CGCCGC CAAG	CGGGAAAGAT	TCGCGGCGGT	CATTAACCGG	TTCTTGAGCC	TGCACCAGAT
	69541	TCTGCGGGGC	TGACGCGCGT	GCTGTTGGGC	GGGACGGTTC	GCGAACCCTT	TGGTGGGTTT
45	69601	ACGCGGGCAC	GCACGCTCCC	ATCGCGGGCG	CCATGGCGGG	ACTGGGCAAG	CCCTACACCG
	69661	GCCACC CAGG	TGACGCCTTC	GAGGGTCTCG	TTCAGCGAAT	TCGGCTTATC	GTCCCATCTA
	69721	CGTTGC GGGG	CGGGGACGGG	GAGGCGGGCC	CCTACTCTCC	CTCCAGCCTC	CCCTCCAGGT
	69781	GCGCCTTTCA	GTTCATGGC	CATGACGGGT	CCGACGAGTC	GTTTCCCATC	GAGTATGTAC
	69841	TGCGGCTTAT	GAACGACTGG	GCCGAGGTCC	CGTGCAACCC	TTACCTGCGC	ATACAGAACA
50	69901	CCGGCTGTCTG	GGTGCTGTTT	CAGGGGTTTT	TTCATCGCCC	ACACAACGCG	CCCGGGGGCG
	69961	CGATTACGCC	AGAGCGGACC	AATGTGATCC	TGGGCTCCAC	CGGAGACGAC	GGGCTGTCCC
	70021	TCGGCGACCT	GGACACCATC	AAGGGGCGGC	TCGGCCTGGA	TGCCCGGCCG	ATGATGGCCA
	70081	GCATGTGGAT	CAGCTGCTTT	GTGCGCATGC	CCGCGGTGCA	GCTCGCGTTT	CGGTTTCATGG
	70141	GCCCCGAAGA	TGCCGGACGG	ACGAGACGGA	TCCTGTGCCG	CGCCGCCGAG	CAGGCTATTA
55	70201	CCCGTCGCCG	CCGAACCCGG	CGGTCCCGGG	AGGCGTACGG	GGCCGAGGCC	GGGCTGGGGG
	70261	TGGCCGGAAC	GGGTTTTCCGG	GCCAGGGGGG	ACGGTTTTTG	CCCGCTCCCC	TTGTTAACCC
	70321	AAGGGCCCTC	CCGCCCGTGG	CACCAGGCCC	TGCGGGGTCT	TAAGCACCTA	CGGATTGGCC
	70381	CCCCCGCGCT	CGTTTTGGCG	GCGGGACTCG	TCCTGGGGGC	CGCTATTTGG	TGGGTGGTTG
	70441	GTGCTGGCGC	GCGCCTATAA	AAAAGGACGC	ACCGCCGCCC	TAATCGCCAG	TGCGTTCGGG

	70501	ACGCCTTCGC	CCCACACAGC	CCTCCCGACC	GACACCCCA	TATCGCTTCC	CGACCTCCGG
	70561	TCCCGATGCG	CGTCCCGCAA	TTTCACCGCC	CCAGCACCGT	TACCACCGAT	AGCGTCCGGG
	70621	CGCTTGGCAT	GCGCGGGCTC	GTCTTGGCCA	CCAATAACTC	TCAGTTTATC	ATGGATAACA
5	70681	ACCACCCGCA	CCCCCAGGGC	ACCCAAGGGG	CCGTGCGGGA	GT'TTCTCCGC	GGTCAGGCGG
	70741	CGGCGCTGAC	GGACCTTG GT	CTGGCCCACG	CAAACAACAC	GT'TTACCCCG	CAGCCTATGT
	70801	TCGCGGGCGA	CGCCCCGGCC	GCTTGGTTGC	GGCCCGCGTT	TGGCCTGCGG	CGCACCTATT
	70861	CACCGTTTGT	CGTTCGAGAA	CCTTCGACGC	CCGGGACCCC	GTGAGGCCCG	GGGAGTTCCT
	70921	TCTGGGGTGT	TTTAATCAAT	AAAAGACCAC	ACCAACGCAC	GAGCCTTGCG	TTTAATGTCTG
	70981	TGTTTATTCA	AGGGAGTGGG	ATAGGGTTTCG	ACGGTTCGAA	ACTTAACACA	CCAAATAATC
10	71041	GAGCGCGTCT	AGCCCAGTAA	CATGCGCACG	TGATGTAGGC	TGGTCAGCAC	GGCGTCGCTG
	71101	TGATGAAGCA	GCGCCCGGCG	GGTCCGCTGT	AACTGCTGTT	GTAGGCGGTA	ACAGGCGCGG
	71161	ATCAGTACCG	CCAGGGCGCT	ACGACCGGTG	CGTTGCACGT	AGCGTCGCGA	CAGAACTGCG
	71221	TTTGCCGATA	CGGGCGGGGG	GCCGAATTGT	AAGCGCGTCA	CCTCTTGCGA	GTCATCGGCG
	71281	GATAACGCAC	TGAATGGTTC	GTGGTTTATG	GGGGAGTGTG	GTTCCCCAGG	GAGTGGGTCTG
15	71341	AGCGCCTCGG	CCTCGGAATC	CGAGAGGAAC	AACGAGGTGG	CGTCGGAGTC	TTCGTCTGTA
	71401	GAGACATACA	GGGTCTGAAG	CAGCGACACG	GGCGGGGGGG	TAGCGTTCGAT	GTGTAGCGCG
	71461	AGGGAGGATG	CCCACGAAGA	CACCCAGAC	AAGGAGCTGC	CCGTGCGTGG	ATTTGTGGAA
	71521	GACGCGGAAG	CCGGGACGGA	TGGGCGGTTT	TGCGGTGCCC	GGAACCGAAC	CGCCGGATAC
	71581	TCCCGGGTGT	CTACATGCCC	GTTTTGGGGC	TGGGGTTGGG	GCTGGGGTTG	GGGCTGGGGT
20	71641	TGGGGCTGGG	GTTGGGGCTG	GGGTTGGGGC	TGGGGTTGGG	GTTGGGGTTG	GGGCTGGGGT
	71701	TGGGGTTGGG	GCTGGGGCTG	GGGCTGGGGC	TGGGGCTGGG	GCTGGGGCTG	GGGCTGGGGC
	71761	TGGGGCTGGG	GCTGGGGCTG	GGGCTGGGGC	TGGGGCTGGG	GCTGGGGTTG	GGGCGCGGAC
	71821	AGGCGGCTGA	CGGTCAAATG	CCCCCGGGGG	CGCGCAGATG	TGGTGGGCGT	GGCCACCGGC
	71881	TGCGGTGTAG	TGGGGCGGCG	GGAACCGGG	CCTCCGGGCG	CAACACCGGC	CTCCAGCGTC
25	71941	AAGTATGTGG	GGGGCGGGCC	TGACGTCGGG	GGCGGGGCGA	CGGGTTGGAC	CGCGGGAGGC
	72001	GGGGGAGAGG	GACCTGCGGG	AGAGGATGAG	GTCGGCTCGG	CCGGGTTGCG	GCCTAAAACA
	72061	GGGGCCGTGG	GGTCGGCGGG	GTCCAGGGT	GAAGGGAGGG	ATTCCCGCGA	TTCGGACAGC
	72121	GACGCGACAG	CGGGGCGCGT	AAGGCGCCGC	TGCGGCCCGC	CTACGGGAAC	CCTGGGGGGG
	72181	GTTGGCGCGG	GACCCGAGGT	TAGCGGGGGG	CGGCGGTTTT	CGCCCCCGGG	CAAAACCGTG
30	72241	CCGGTTGCGA	CCGGGGGCGG	AACGGGATCG	ATAGGGAGAG	CGGGAGAAGC	CTGGCCGGCG
	72301	GCCTGGGGCC	CGAGCGGGAG	GGGCACACCA	GACACCAAAG	CGTGGGGCGC	TGGCTCTGGG
	72361	GGTTTGGGAG	GGGCCGGGGG	GCGCGCGAAA	TCGGTAACCG	GGGCGACCGT	GTCGGGGAGG
	72421	GCAGGCGGCC	GCCAACCCTG	GGTGGTCGCG	GAAGCCTGGG	TGGCGACCGT	CAGGGAGCGT
	72481	GCCCCGCGGT	GTCCGGCGCG	GCGCGACCCG	GACGAAGAAG	CGGCAGAAGC	GCGGGAGGAG
35	72541	GCGGGGGGGC	GGGGGGCGGT	GGCATCGGGG	GGCGCCGGGG	AACTTTGGGG	GGACGGCAAG
	72601	CGCCGGAAGT	CGTCGCGGGG	GCCCACGGGC	GCCGGCCCGC	TGCTTTCTGGC	CGGGACGCCC
	72661	GGTCGTGCTT	CGCGAGCCGT	GA CTGCCGGC	CCAGGGGGCC	GCGGTGCACA	CTGGGACGTG
	72721	GGGACGGA CT	GATCGGCGGT	GGGCGAAAGG	GGGTCCGGGG	CAAGGAGGGG	CGCGGGGCCG
	72781	CCGGAGTCTG	CAGACGCGAG	CTCCTCCAGG	CCGTGAATCC	ATGCCCACAT	GCGAGGGGGG
40	72841	ACGGGCTCGC	CGGGGGTGGC	GTGCGTGAAT	AGCGTGGGGG	CCAGGCTTCC	GGGCCCCAAC
	72901	GAGCCCTCCG	CCCCAACAA	GTCCACAGGG	CCGGGGGTCTG	GGTTTGGGAC	CGAGGGGCTC
	72961	TGGTCGTCTG	GGGCGCGCTG	GTACACCGGA	TGCCCCGGGA	ATAGCTCCCC	CGACAGGAGG
	73021	GAGGCGTCTG	ACGGCCGCCC	GAGGATAGCT	GCGCGGAGGA	AGGGGTCTCT	GTCGGTGGCG
	73081	CTGGCGGCGA	GGACGTCTCT	GCCGCCCGCC	ACAAACGGGA	GCTCCTCGGT	GGCCTCGCTG
45	73141	CCAACAAACC	GCACGTCTGG	GGGGCCGGGG	GGGTCCGGGT	TTTCCCACAA	CACCGCGACC
	73201	GGGGTCATGG	AGATGTCCAC	GAGCACCAGA	CACGGCGGGC	CCCCGGCGAG	GGGCCGCTCG
	73261	GCGATGAGCG	CGGACAGGCG	CGGGAGCTGT	GCCGCCAGAC	ACGCGTTTTT	GATCGGGTTT
	73321	AGGTCGGCGT	GCAGGAGGCG	GACGGCCAC	GTCTCGATGT	CGGACGACAC	GGCATCGCGC
	73381	AAGGCGGCGT	CCGGCCCCGG	AGCGCGGTG	TCAAACAGCG	TGAGACACAG	CTCCAGCTCC
50	73441	GACTCGCGGG	AAAAGGCCGT	GGTGTTCGGG	AGCGCCACGA	CGACGGGCGC	GCCAGGAGC
	73501	ACTGCGGCA	GCACCGGTC	CATGGCCGTA	ACGCGCGCCG	CGGGGGTGGC	GTTGGTGGCG
	73561	GCGGCCGGCA	CGGCGACGTG	CTGGCCCCGTG	GGCCGGTAGA	GGGCGTTGGG	GGGAGCGGGG
	73621	GGTGACGCTT	CGCGCCCCCC	CGAGGGGGCTC	AGCGTCTGCC	CAGATTCCAG	ACGCGCGGTC
	73681	AGAAGGGCGT	CGAAACTGTC	ATACTCTGTG	TAGTCTGTCG	GAAACATGCA	GGTCCAAAGA
55	73741	GCGACCAGAG	CGGTGCTTGG	GAGACACATG	CGCCCAGAGG	CGCTCACC GC	CGCCAGCGCC
	73801	TGGGCGGGAC	TCAGCTTTTC	CAGCGCGGCG	CCGCGCTCGG	TTCCAGCTC	GGGGACCGAG
	73861	CGCCAGGGCG	CCAGGGGGTC	GGTTTCGGAC	AACTTGCCGC	GGCGCCAGTC	TGCCAGCCGC
	73921	GTGCCGAACA	TGAGGCCCCG	GGTCGGAGGG	CCTCCGGCCG	AAAACGCTGG	CAGCACGCGG
	73981	ATGCGGGCGT	CTGGATGCGG	GGTCAGGCGC	TGCACGAATA	GCATGGAATC	TGCTGCGTTT

	74041	TGAAACGCAC	GGGGGAGGGT	GAGATGCATG	TACTCGTGTT	GGCGAACCAG	ATCCAGGCGC
	74101	CAAAAGGTGT	AAATGTGTTC	CGGGGAGCTG	GCCACCAGCG	CCACCAGCAC	GTCGTTCTCG
	74161	TTAAAGGAAA	CGCGTGCCT	AGTGGAGCTC	TGGGGTCCGA	GCGGCGGCC	CGGGGCCGCC
5	74221	GCGTCACCCC	CCCATTCAG	CTGGGCCAG	CGACACCAA	ACTCGCGCGT	GAGAGTGGTC
	74281	GCGACGAGGG	CGACGTAGAG	CTCGGCCGCC	GCATCCATCG	AGGCCCCCA	TCTCGCCTGG
	74341	CGGTGGCGCA	CAAAGCGTCC	GAAGAGCTGA	AAGTTGGCGG	CCTGGGCGTC	GCTGAGGGCC
	74401	AGCTGAAGCC	GGTTGATGAC	GGTGAGGACG	TACATGGCCG	TGACGGTCGA	GGCCGACTCC
	74461	AGGGTGTCCG	TCGGAAGCGG	GGGGCGAATG	CATGCCGCCT	CGGGACACAT	CAGCAGCGCG
	74521	CCGAGCTTGT	CGGTCACGGC	CGGGAAGCAG	AGCGCGTACT	GCAGTGGCGT	TCCATCCGGG
10	74581	ACCAAAAAGC	TGGGGGCGAA	CGGCCGATCC	AGCGTACTGG	TGGCCTCGCG	CAGCACCAGG
	74641	GGCCCCGGGC	CTCCGCTCAC	TCGCAGGTAC	GCCTCGCCCC	GGCGGCGCAG	CATCTGCGGG
	74701	TCGGCCTCTT	GGCCGGGTGG	GGCGGACGCC	CGGGCGCGGG	CGTCTAGGGC	GCGAAGATCC
	74761	ACGAGCAGGG	GCGCGGGCGC	GGCCGCCCGC	CCCGCGCCCC	TCTGGCCTGT	GGCCTTGGCG
	74821	TACGCGCTAT	ATAAGCCCAT	GCGGCGTTGG	ATGAGCTCCC	GCGCGCCCCG	GAACTCCTCC
15	74881	ACCGCCCATG	GGGCCAGGTC	CCCGGCCACC	GCGTCGAATT	CCGCCAACAG	GCCCCCAGG
	74941	GTGTCAAAGT	TCATCTCCCA	GGCCACCCTT	GGCACCACCT	CGTCCCGCAG	CCGGGCGCTC
	75001	AGGTCGGCGT	GTTGGGCCAC	GCGCCCCCGG	AGCTCCTCCA	CGGCCCCGCG	CCGCTCGGCG
	75061	CTCTTGCGCG	CCAGGACGCC	CTGGTACTTG	GCGGGAAGGC	GCTCGTAGTC	CCGCTGGGCT
	75121	CGCAGCCCCG	ACACAGTGTT	GGTGGTGTCC	TGCAGGGCGC	GAAGCTGCTC	GCATGCCGCG
20	75181	CGAAATCCCT	CGGGCGATTT	CCAGGCCCCC	CCGCGAACGC	GGCCGAAGCG	ACCCCATACC
	75241	TCGTCCCACT	CCGCCTCGGC	CTCCTCGAGA	GACCTCCGCA	GGGCCTCGAC	GCGGCGACGG
	75301	GTGTCAAGA	GCGCCTGCAG	GCGCGCGCCC	TGTCGCGTCA	GGAGGCCCGG	GCCGTCGCCG
	75361	CTGGCCGCGC	TTAGCGGGTG	CGTCTCAAAG	GTACGCTGGG	CATGTTCCAA	CCAGGCGACC
	75421	GCCATGACGT	CGAGCTCGCG	CGCCTTCTCC	GTCTGGTCCA	CCAGAATTTT	GACCTGATCC
25	75481	GCGATCTCCT	CCGCCGAGCG	CGCCTGGTCC	AGCGTCTTGG	CCACGGTCGC	CGGGACGCGC
	75541	ACCACCTTCA	GCAGGGTCTT	CAGATTGGCC	AGACCCTCGG	CCTCGAGCTG	GGCCCGGCGC
	75601	TCGCGCGCGG	CCAGCACCTC	CCGCAGCCCC	GCCGTGACCC	GCTCGGTGGC	TTCGGCGCGC
	75661	TGCTGTTTGG	CGCGCACACC	GGCGTCCTTG	GTATCGGCCA	GGTCCTGTGC	GGTCACGAAT
	75721	GCGACGTAGT	GCGCGTACGC	CGTGTCTTTC	ACGGGGCTCT	GGTCCACGCG	CTCCAGCGCC
30	75781	GCCACGCACG	CCACCAGCGC	GTCTCTCGCTC	GGGCAGGGCA	GGGTGACCCC	TGCCCCGACA
	75841	AGCTCGGCGG	CCGCCGCCCG	GTGCTTGCGC	ACCGCGGATA	TCTCCTCCGC	GGCGGCGGCC
	75901	AGGTCACAGC	CCACGCTTCC	GATCGCGCGC	CGCGCGTCGG	CCCGGAGGGC	GTCCAGGCGA
	75961	TCGCGGATAT	CCACGTACTC	GGCGTAGCCC	TTTTGAAAAA	ACGGCACGTA	CTGGCGCAGG
	76021	GCCGGCACGC	CCCCAAGTC	TTCCGACAGG	TGTAGGACGG	CCTCGTGGTA	TCGATAAAC
35	76081	CGGTCGTTTC	CCTGGGCCCG	CTCCAGCAGC	CCCCCGCCA	GCCGCAGAAG	CCGCGCCAGG
	76141	GGCTCGGTGT	CCACCCGAAA	CATGTGCGCG	TACGTGTTCG	CCGCGGCCCC	GAAGGCCGCG
	76201	CTCCAGTCCA	TGCGGTGAAT	GGCTGCGAGC	GGGGGGAGCA	TGGGGTGGCG	CTGGTTCTCG
	76261	GGGGTGTATG	GGTTAAACGC	AAGGGCCGTC	TCCAGGGCAA	GGGTACCCGC	CTTGGCGTTG
	76321	GTTCCACAGC	CCTGTTTCGG	CCGCTTTTCG	AAGTCCCAGG	GGTTGTAGCC	GTGCGTGCCC
40	76381	GCCAGCGCCT	GCAGGCGACG	GAGCTCGACC	ACGTCAAAC	CGGCACCGCT	TTCACGCGG
	76441	TCCAGCACGG	CCTCCACGTC	GGCGGCCAG	CGCTCGTGCC	TACTGCGGGC	GCGCTGGGCC
	76501	GCCATCTTCT	CTCTGAGGTC	GGCGGTGGCG	GCCTCAAGTT	CGTCGGCGCG	GCGTCGCGTG
	76561	GCGCCGATGA	CCTTTCAG	CTCCTGCAGG	GCGCGCCCGC	TGGGGGAGTG	GTCCCCGGCC
	76621	GTCCCTTCGG	CGTGCAACAG	GCCCCCGAAC	CTGCCCTCGT	GGCCCGCGAG	GCTTTCGCCG
45	76681	GCGCCGGTGG	TCGCGCGCGT	CGCGGCCCTG	ATCAGGGAGG	CATGCTCTCC	CTCCGGTTGG
	76741	TTGGCGGCC	GGCGCACCTG	GACGACAAGG	TCGGCGGCAG	CCGACCCTAA	GGTCGTGAGC
	76801	TGGGCGATGG	CCACCCGCGC	GTCCAGGGCC	AACCGAGTCG	CCTTGACGTA	TCCCGCGGCG
	76861	CTGTCGGCCA	TGGCCGCTAG	GAAGGCCAGG	GGGGAGGCCG	GGTCGCTGGC	GGCCCGCCCC
	76921	AGGGCCGTCA	CCGCGTCGAC	CAGGACGCGG	TGCGCCCGCA	CGGCCGCATC	CACCGTCGAC
50	76981	GCAGGGTCTG	CCGTTGCGAC	GGCGGCGCTG	CCGGCGTTGA	TGGCGTTCTG	GACGGCGTGG
	77041	GCTATGATCG	GGGCGTGATC	GGCGAAGAAC	TGCAAGAGAA	ACCGAGTCTC	TGGGGCGTCC
	77101	GCGAACAGGT	TCTTCAGCAC	CACCACGAAG	CTGGGATGCA	AGCCAGACAG	AGCCGTCGCC
	77161	GTGTCCGGAG	TCGGGTGCTC	CAGGGCATCT	CGGTACTGCC	CCAGCAGCCC	CCACATGTCC
	77221	GCCCGCAGCG	CCGCCGTAAC	CTCAGGGGGC	GCCCCCGAA	CGGCCTCGGG	GAGGTCCGAC
55	77281	CAGCCCGCCG	GCAGGGAGGC	CCGCAGGGTC	GCCAGGACGG	CCGGACAGGC	CTTTAGCCCC
	77341	ACAAAGTCAG	GGAGGGGGCG	CAGGACCCCC	TGGAGTTTGT	GCAAGAACTT	CTCCCGGGCG
	77401	TCGCGGGCCA	CCTTCGCCCC	CTCCCGCGCT	CCCTCGAGCA	TTGCCTCCAG	GGAGCGCGCG
	77461	CGCTCCCGCA	AACGGGCACG	CGCATCGGGG	GCGAGCTCTG	CCGTCAGCTT	GGCGGCATCC
	77521	ATGGCCCGCG	CCTGCCGCGAG	CGCTTCCTCG	GCCATGCGCG	TGGCCTCTGG	CGACAGCCCC

	77581	CCGTCGTCGG	GGTAGGGCGA	CGCGCCGGGC	GCAGGAACAA	AGGCCGCGTC	GCTGTCCAGC
	77641	TGCTGGCCCA	GGGCCGCATC	TAGGGCGTCG	AAGCGCCGCA	GCTCGGCCAG	ACCCGAGCTG
	77701	CGGCGCGCCT	GTTGGTCGTT	AATGTGCGCG	ATGCTGCGCG	CCAGCTCGTC	CAGTGGCTTG
5	77761	CGTTCTATCA	GCCCTTGGTT	GGCGGCGTCC	GTCAGGACGG	AGAGCCAGGC	CGCCAGGTCC
	77821	TCGGGGGCGT	CCAGCGTCTG	GCCCCGCTGG	ATCAGATCCC	GCAACAGGAT	GGCCGTGGGG
	77881	CTGGTCGCGA	TCGGGGGCGG	GGCGGGAATG	GCGGCGCGCT	GCGCGATGTC	CCGCGTGTGC
	77941	TGGTCGAAGA	CAGGCAGGGA	CTCGAGCAGC	TGGACCACGG	GCACGACGG	GGCCGAAGCC
	78001	ACGTGAAACC	GGCGGTCGTT	GTTGTGCTGT	GCCTGTAGAG	CCTTGGCGCT	GTATACGGCC
	78061	CCCCGGTAAA	AGTACTCCTT	AACCGCGCCC	TGCATCGCCC	GACGGGCCTG	GGTCCGCACC
10	78121	TCCTCCAGCC	GAACCTGAAC	GGCCTCGGGG	CCCAGGGGGG	GTGGGCGCGG	AGCCCCCTGC
	78181	GGGGCCGCCC	CGGCCGGGGC	GGGCATTACG	CCGAGGGGCC	CGGCGTGCTG	TGAGACCGCG
	78241	TCGACCCCGC	GAGCGAGGGC	GTCGAGGGCC	TCGCGCATCT	GGCGATCCTC	CGCTCCACC
	78301	CTAATCTCTT	CGCCACGGGC	AAATTTGGCC	AGAGCCTGGA	CTCTATACAG	AAGCGGTTCT
	78361	GGGTGCGTCG	GGGTGGCGGG	GGCAAAAAGG	GTGTCCGGGT	GGGCCTGCGA	GCGCTCCAGA
15	78421	AGCCACTCGC	CGAGGCGTGT	ATACAGATTG	GCCGGCGGGG	CCGCGCGAAG	CTGCAGCTCC
	78481	AGGTCCGCGA	GTTCCCCGTA	AAAGGCGTCC	GTCTCCCGAA	TGACATCCCT	AGCCACAAGG
	78541	ATCAGCTTCG	CCAGCGCCAG	GCGACCGATC	AGAGAGTTTT	CGTCCAGCAC	GTGCTGGACG
	78601	AGGGGCAGAT	GGGCGGCCAC	GTCGGCCAGG	CTCAGGCGCG	TGGAGGCCAG	AAAGTCCCCC
	78661	ACGGCCGTTT	TCCAGGGCAG	CATGTTTCAGG	GTAAACTCCA	GCAGGGCGGC	GGCCGGGCCG
20	78721	GCCACCCCGG	CCTGGGTGTG	CGTCCGGGCC	CCGTCTCTCGA	TGAGAAAGGC	GAGGACGCGT
	78781	TCAAAGAAAA	AAATAACACA	GAGCTCCAGC	AGCCCCGGAG	AGGCCGGATA	CGGCGACCGT
	78841	AAGGCGCTGA	TGGTGAGCCG	CGAACACGCG	GCGACCTCGC	GGGCCAGGGC	GGCGGAGCAC
	78901	GCGGTGAACT	TAACCGCCGT	GGCGGCCACG	TTTGGGTGGG	CCTCGAACAG	CTGGGCGAGG
	78961	TCTGCGCCCC	GGGGCTCGGG	CGAGCGGCCA	GTCTTCAGCG	CCTCGAGGGC	CTGTGAGGAC
25	79021	GCCGGAACCG	TGGGCCCCGC	GTCCTCGCCC	GCCTCGGCGA	CCGGCGGCC	GGCCCGGTTCG
	79081	GGGGGTGCCG	AGGCGAGGAC	AGGCTCCGGA	ACGGAGGCGG	GGACCGCGCG	CCGACGGGG
	79141	GTTTTGCCTT	TGGGGGTGGA	TTTCTTCTTG	GTTTTGGCAG	GGGGGGCCGA	GCGTTTCGTT
	79201	TTCTCCCCCG	AAGTCAGGTC	TTCGACGCTG	GAAGGCGGAG	TCCAGGTGGG	TCGGCGGCGC
	79261	TTGGGAAGGC	CGGCCGAGTA	GCGTGCCCGG	TGCCGACCAA	CCGGGACGAC	GCCCATCTCC
30	79321	AGGACCCGCA	TGTCGTCGTC	ATCTTCTTCG	GCCGCCCTCTG	CGGCGGGGGT	CTTGGGGGCG
	79381	GAGGGAGGCG	GTGGTGGGAT	CGCGGAGGGT	GGGTGCGCGG	AGGGTGGGTC	GGCGGAGGGG
	79441	GGATCCGTGG	GTGGGGTACC	CTTCAGGGCC	ACCGCCCATA	CATCGTCGGG	CGCCCGATTC
	79501	GGGCGCTTGG	CCTCTGGTTT	TGCCGACGGA	CCGGCCGTCC	CCCGGGATGT	CTCGGAGGCC
	79561	CTGTGCTCGC	GACGGGCCCG	GGTCGGTGCG	GGCGACTGGG	CGGCTGTGGG	CGGGTGTGGC
35	79621	CCCGGGCCCC	CTACCCCTC	CCGGGGGGCCC	ACGCCGACGC	AGGGCTCCCC	CAGGCCCGCG
	79681	ATCTCGCCCC	GCAGGGGGTG	CGTGATGGCC	ACGCGCCGTT	CGCTGAACGC	TTCGTCTTGC
	79741	AGGTAAGTCT	CGCTGGCCCC	GTAAGATATG	AGAGCCGCGG	CCGTCAAGTC	CGCAGGAGCC
	79801	GCGGGTTCCG	GGCCCCGACG	CACGAAAAAC	ACCATGGCTC	CCGCCACCG	TACGTCCGGG
	79861	CGATCGCGGG	TGTAATACGT	CAGGTATGGA	TACATGTCCC	CCGCCCGCAC	TTTGGCGATG
40	79921	AACGCGGGGG	TGCCCTCCGG	AAGGCCGTGC	GGGTCAAAAA	GGTATGCGGT	GTCGCCGTCC
	79981	CTGAACAGCC	CCATCCCTAG	GGGGCCAATG	GTTAGGAGCG	TGTACGACAG	GGGGCGCAGG
	80041	GCCCACGGGC	CGGCGAAGAA	CGTGTGTGCG	GGGCATTGTG	TCTCCAGCAG	GCCCGCCGCG
	80101	GGCTCCCCGA	AGAAGCCAC	CTCGCCGTAT	ACGCGCGAGA	AGACACAGCG	CAGTCCGCCG
	80161	CGCGCCCCTG	GGTACTCGAG	GAAAGTTGGGG	AGCTCGACGA	TCGAACACAT	GCGCGGCGGC
45	80221	CCAGGGCCCC	CGGTGCGCG	CGTCCACTCG	CCCCCTCGA	CCAAACATCC	CTCGATGGCC
	80281	TCCGCGGACA	GGACGTGCG	AGGGCCCCACA	TCAAATATGA	GGCTGAGAAA	GGACAGCGAC
	80341	GAGCGCATGC	ACGATACCGA	CCCCCCCCGG	TCCAGGTCGG	GCGCGAACTG	GTTCCGAGCA
	80401	CCGGTGACCA	CGATGTGCG	ATCCCCCCCC	CGTTCCATCG	TGGAGTGCGG	TGGGGTGCCC
	80461	GCGATCATAT	GTGCCCTGCT	GGCCAGAGAG	CCGGCCTGTT	TATGGACCGG	ACCCCCGGGG
50	80521	TTAGTGTTGT	TTCCGCCACC	CATGCCCCCG	TACCATGGCC	CCGGTTCCCC	TGATTAGGCT
	80581	ACGAGTCGCG	GTGATCGCTT	CCCAAAAACC	GAGCTGCGTT	TGTCTGTCTT	GGTCTTCCAC
	80641	CCCCCCCCCG	GCCCGCCCGC	ACACCATAAC	ACACAGAGGA	ACACACGGGG	TGGGGCGTAA
	80701	CATAATAAAG	CTTTATTGGT	AACTAGTTAA	CGGCAAGTCC	GTGGGTGGCG	CGACGGTGTC
	80761	CTCCGGGATC	ATCTCGTCGT	CCTCGACGGG	GGTGTTGGAA	TGAGGCGCCC	CCTCGCGGTC
55	80821	CGCCTGGCGT	GGGCCGTGCC	CATAGGCCTC	CGGCTTCTGT	GCGTCCATGG	GCATAGGCGC
	80881	GGGGAGACTG	TTTCCGGCGT	CGCGGACCTC	CAGGTCCCTG	GGAGACTCCG	GTCCGGCTAA
	80941	CGGACGAAAC	GCGGAAGCGC	GAAACACGCC	GTCGGTGACC	CGCAGGAGCT	CGTTCATCAG
	81001	TAACCAATCC	ATACTCAGCG	TAACGGCCAG	CCCCTGCGGA	GACAGATCCA	CGGAGTCCGG
	81061	AACCGCGGTC	GTCTGGCCCA	GGGGGCCGAG	GCTGTAGTCC	CCCCAGGCCC	CTAGGTCGCG

	81121	ACGGCTCGTA	AGCACGACGC	GGTCGGCCGC	GGGGCTTTGC	GGGGGGGCGT	CCTCGGGCGC
	81181	ATGCGCCATT	ACCTCTCGGA	TGGCCGCGGC	GCGCTGGTCG	GCCGAGCTGA	CCAAGGGCGC
	81241	CACGACCACG	GCGCGCTCCG	TCTGCAGGCC	CTTCCACGTG	TCGTGGAGTT	CCTGGACAAA
5	81301	CTCGGCCACG	GGCTCGGGTC	CCGCGGCCGC	GCGCGCGGCT	TGATAGCAGG	CCGACAGACG
	81361	CCGCCAGCGC	GCTAGAAACT	GACCCATGAA	GCAAAACCCG	GGGACCTGGT	CTCCCGACAG
	81421	CAGCTTCGAC	GCCCAGGCGT	GAATGCCGGA	CACGACGGAC	AGAAACCCGT	GAATTTTCGG
	81481	CCGACCACG	GCCAGCAGT	TGTCTCTGTG	CGACACCTGG	GCCGCGAGCT	CGTCGCACAC
	81541	CCCCAGGTGC	GCCGTGGTTT	CGTGATGAC	GGAACGCAGG	CTCGCGAGGG	ACGCGACCAG
10	81601	CGCGCGCTTG	GCGTCGTGAT	ACATGCTGCA	GTACTGACTC	ACCGCGTCCC	CCATGGCCTC
	81661	GGGGGGCCAG	GGCCCCAGGC	GGTCGGGCGT	GTCCCCGACC	ACCGCATACA	GGCGGCGCCC
	81721	GTCGCTCTCG	AACCGACACT	CGAAAAAGGC	GGAGAGCGTG	CGCATGTGCA	GCCGCAGCAG
	81781	CACGATGGCG	TCCTCCAGTT	GGCGAATCAG	GGGGTCTGCG	CGCTCGGCGA	GGTCCTGCAG
	81841	CACCCCCCGG	GCGGCCAGGG	CGTACATGCT	AATCAACAGG	AGGCTGGTGC	CCACCTCGGG
	81901	GGGCGGGGGG	GGCTGCAGCT	GGACCAGGGG	CCGCAGCTGC	TCGACGGCAC	CCCTGGAGAT
15	81961	CACGTACAGC	TCCCGGAGCA	GCTGCTCTAT	GTTGTCGGCC	ATCTGCATAG	TGGGGCCGAG
	82021	GCCGCCCCCG	GCGGCCGGTT	CGAGGAGGGT	GATCAGCGCG	CCAGTTTGG	TGCGATGGCC
	82081	CTCAACCGTG	GGGAGATAGC	CCAGCCCCAA	GTCCCCGGCC	CAGGCCAACA	CACGCAGGGC
	82141	GAACCTCGACC	GGGCGGGGAA	GGTAGGCCGC	GCTACACGTG	GCCCTCAGCG	CGTCCCCGAC
	82201	CACCAGGGCC	AGAACGTAGG	GGACGAAGCC	CGGGTCGGCG	AGGACGTTGG	GGTGAATGCC
20	82261	CTCGAGGGCG	GGGAAGCGGA	TCTGGGTGCG	CGCGGCCAGG	TGGACAGAGG	GGGCGTGGCT
	82321	GGGCTGCCCG	ACGGGGAGAA	GCGCGGACAG	CGGCGTGGCC	GGGGTGGTGG	GGTGATGTC
	82381	CCAGTGGGTC	TGACCATACA	CGTCGATCCA	GATGAGCGCC	GTCTCGCGGA	GAAGGCTGGG
	82441	TTGACCGGAA	CTAAAGCGGC	GCTCGGCCGT	CTCAAACTCC	CCCACGAGCG	CCCGCCGACG
	82501	GCTCGCCAGA	TGTTCCGTCG	GCACGGCCGG	ACCCATGATA	CGCGCCAGCG	TCTGGCTTAG
25	82561	AACGCCCCCG	GACAGGCCGA	CCGCTCGCA	GAGCCGCCCG	TGCGTGTGCT	CGCTGGCGCC
	82621	CTGGACCCGC	CTGAAAGTTT	TTACGTAGTT	GGCATAGTAC	CCGTATTCCC	GCGCCAACCC
	82681	AAACACGTTT	GACCCCGCGA	GGGCAATGCA	CCCAAAGAGC	TGCTGGACTT	CGCCGAGTCC
	82741	GTGGCCGGTG	GGCGTCCGCG	CGGGGACGCC	CGCCGCCAGA	AACCCCTCCA	GGGCCGAAAG
	82801	GTAGTGCGTG	CAGTGCGAGG	GCGTGAACCC	AGCGTCGATC	AGGGTGTGTA	TCACCACGGA
30	82861	GGGCGAATTG	GTATTCTGGA	TCAACGTCCA	CGTCTGCTGC	AGCAGAGCCA	GCAGCCGCTG
	82921	CTGGGCGCCG	GCGGAGGGCT	GCTCCCCGAG	CTGCAGCAGG	CTGGAGACGG	CAGGCTGGAA
	82981	GACTGCCAGT	GCCGACGAAC	TCAGGAACGG	CACGTCGGGA	TCAAACACGG	CCACGTCCGT
	83041	CCGCACGCGT	GCCATTAGCG	TCCCCGGGGG	GCGACAGGCC	GAGCGCGGGC	TGACGCGGCT
	83101	GAGGGCCGTC	GACACGCGCA	CCTCTCTGCG	GCTGCGAACC	ATCTTGTTGG	CCTCGAGCGG
35	83161	CGGAATCATT	ATGGCCGGGT	CGATCTCCCG	CACGGTGTGC	TGAAACTGCG	CCAACAGGGG
	83221	CGGCGGGACC	ACAGCCCCCG	GCTCGGGGGT	CGTCAGGTAC	TCGTCCACCA	GGGCCAACGT
	83281	AAAGAGGGCC	CGTGTGAGGG	GAGTGAGGGT	CGCGTCGTCT	ATGCGCTGGA	GGTGCGCCGA
	83341	GAACAGCGTC	ACCCGATTAC	TCACCAGGGC	CAAGAACC GG	AGGCCCTCTT	GCACGAACGG
	83401	GGCGGGGAAG	AGCAGGCTGT	ACGCCGGGGT	GGTAAGGTTT	GCGCTGGGCT	GCCCCAACGG
40	83461	GACCGGCGCC	ATCTTGAGCG	ACGTCTCCCC	AAGGGCCTCG	ATGGAGGTCC	GCGGGCTCAT
	83521	GGCCAAGCAG	CTCTTGGTGA	CGGTTTGCCA	GCGGTCTATC	CACTCCACGG	CGCACTGGCG
	83581	GACGCGGACC	GGCCCCAGGG	CCGCCGCGGT	GCGCAGGCCG	CGGGAATCCA	GCGCATGGGA
	83641	CTGTGTCGGAG	CCGGTGACCG	CGAGGATGGT	GTCTTGATG	ACCTCCATCT	CCCGGAAGGC
	83701	CTGGTTCGGG	GCCTCGGGGA	GAGCCACCAC	CAAGCGGTGT	ACGAGCAACC	CGGGGAGGTT
45	83761	CTCGGCCAAG	AGCGCCGTCT	CCGGAAGCCC	GTGGGCCCCG	TGGAGCGCGC	ACAGGTGTTT
	83821	CAGCAGCGGC	CGCCAGCAGT	CCCGCGCGTC	TGCCGGGGCG	ATGGCCGTTC	CCGACAACAG
	83881	AAACGCCGCC	ATGGCGGCGC	GCAGCTTGCC	CGTGCCAGAA	AACGCCGGGT	CGTCCGCCCC
	83941	GTTTGCCGTC	TCGGCCGTGG	GGGTTGGCGG	TTGGCGAAGG	CCGGCTAGGC	TCGCCAATAG
	84001	GCGCTGCATA	GGTCCGTCCG	AGGGCGGACC	GGCGGGTGAG	GTCTGTACGA	CGGGGGCCTC
50	84061	GGACGGGAGA	CCGCGGTCTG	CCATGACGCC	CGGCTCGCGT	GGGTGGGGGA	CAGCGTAGAC
	84121	CAACGACGAG	ACCGGGCGGG	AATGACTGTC	GTGCGCTGTA	GGGAGCGGCG	AATTATCGAT
	84181	CCCCCGCGGC	CCTCCAGGAC	CCCCGCAGGC	GTTGCGAGTA	CCCCCGCTCT	TCGCGGGGTG
	84241	TTATACGGCC	ACTTAAGTCC	CGGCATCCCC	TTGCGGGACC	CAGGCCCGGG	GGATTGTCCG
	84301	GATGTGCGGG	CAGCCCCGAC	GGCGTGGGTT	GCGGACTTTT	TGCGGGGCGG	CCCAAATGGC
55	84361	CCTTTAAACG	TGTGTATACG	GACGCGCCGG	GCCAGTCGGC	CAACACAACC	CACCGGAGGC
	84421	GGTAGCCGCG	TTTGGCTGTG	GGGTGGGTGG	TTCCGCCTTG	CGTGAGTGTC	CTTTCGACCC
	84481	CCCCCCCCCT	CCCTCCCCCG	GGTCTTGCTA	GGTCGCGATC	TGGGGTCGCA	ATGAAGACCA
	84541	ATCCGCTACC	CGCAACCCCT	TCCGTGTGGG	GCGGGAGTAC	CGTGGAATCT	CCCCCACAA
	84601	CACGCGATAC	CGCGGGACAG	GGCTGTCTTC	GCGCGTCTCT	GCGCCCCCGG	ATCTCTCGCC

	84661	GCGACGGCCC	AGGGCTCCCC	AGGGGGTCCG	GACCCCGGAG	GGCGGCCAGC	ACGCTGTGGT
	84721	TGCTTGGCCT	GGACGGCACA	GACGCGCCCC	CTGGGGCGCT	GACCCCCAAC	GACGATACCG
	84781	AACAGGCCCT	GGACAAGATC	CTGCGGGGCA	CCATGCGCGG	GGGGGCGGCC	CTGATCGGCT
5	84841	CCCCGCGCCA	TCATCTAACC	CGCCAAGTGA	TCCTGACGGA	TCTGTGCCAA	CCCAACGCGG
	84901	ATCGTGCTGG	GACGCTGCTT	CTGGCGCTGC	GGCACCCCGC	CGACCTGCCT	CACCTGGCCC
	84961	ACCAGCGCGC	CCCCTGAGGC	GGCAGACCG	AGCGGCTGGG	CGAGCCCTGG	GGCCAGCTGA
	85021	TGGAGGCGAC	CGCCCTGGGG	TCGGGGCGAG	CCGAGAGCGG	GTGCACGCGG	CGGGGCCCTAG
	85081	TGTCGTTTAA	CTTCCTGGTG	GCGGCGTGTG	CCGCCTCGTA	CGACGCGCGC	GACGCCGCCG
	85141	ATGCGGTACG	GGCCCACGTC	ACGGCCAAC	ACCGCGGGAC	GCGGGTGGGG	GCGCGCCTGG
10	85201	ATCGTTTTTC	CGAGTGCTCTG	CGCGCCATGG	TTACACACGCA	CGTCTTCCCC	CACGAGGTCA
	85261	TGCGGTTTTT	CGGGGGGCTG	GTGTCTGTGG	TCACCCAGGA	CGAGCTAGCG	AGCGTCACCG
	85321	CCGTGTGCGC	CGGGCCCCAG	GAGGCGGCGC	ACACCGGCCA	CCCGGGCCCG	CCCCGCTCGG
	85381	CCGTGATCCT	CCCGGCATGT	GCGTTCGTGG	ACCTGGACGC	CGAGCTGGGG	CTGGGGGGCC
	85441	CGGGCGCGGC	GTTTCTGTAC	CTGGTATTCA	CTTACCGCCA	GCGCCGGGAC	CAGGAGCTGT
15	85501	GTTGTGTGTA	CGTGATCAAG	AGCCAGCTCC	CCCGCGCGG	GTTGGAGCCG	GCCCTGGAGC
	85561	GGCTGTTTTG	GCGCCTCCGG	ATCACCAACA	CGATTACGCG	CACCGAGGAC	ATGACGCCCC
	85621	CGGCCCCAAA	CCGAAACCCC	GACTTCCCCC	TCGCGGGCCT	GGCCGCCAAT	CCCCAAACCC
	85681	CGCGTTGCTC	GGCTGGCCAG	GTCACGAACC	CCAGATTTCG	CGACAGGCTG	TACCGCTGGC
	85741	AGCCGGACCT	GCGGGGGCGC	CCCACCGCAC	GCACCTGTAC	GTACGCCGCC	TTTGCAGAGC
20	85801	TCGGCATGAT	GCCCGAGGAT	AGTCCCCGCT	GCCTGCACCG	CACCGAGCGC	TTTGGGGCGG
	85861	TCAGCGTCCC	CGTTGTCAAT	CTGGAAGGCG	TGGTGTGGCG	CCCCGGCGAG	TGGCGGGCAT
	85921	GCGCGTGAGC	GTAGCAAACG	CCCCGCCCAC	ACAACGCTCC	GCCCCAACCC	CCTTCCCCGC
	85981	TGTCACTCGT	TGTTCTGTGA	CCCGGGCGTC	CGCCAAATAA	AGCCACTGAA	ACCCGAAACG
25	86041	CGAGTGTGTG	AACGTCTTTT	GGCGGGGAGG	AAGCCACAAA	ATGCAATGAA	GATACATGGA
	86101	AGGAACACAC	CCCCGTGACT	CAGGACATCG	GTGTGTCTCT	TTGGGTTTCA	TGGAACCTGG
	86161	CCCGCGCCCC	ACCCCTGCGC	GATGTGGATA	AAAAGCCAGC	GCGGGTGGTT	TAGGGTACCA
	86221	CAGGTGGGTG	CTTTGGAAAC	TTGCCGGTCG	CCGTGCTCCT	GTGAGCTTGC	GTCCCTCCCC
	86281	GGTTTCCTTT	GCGCTCCCGC	CTTCCGGACC	TGCTCTCGCC	TACTCTTCTT	TGGCTCTCGG
	86341	TGCGATTTCG	CAGGCAGCGG	CCTTGTGCGA	TCTCGACCCC	ACCACTCGCC	GGACCCGCCG
30	86401	ACGTCCCCTC	TCGAGCCCGC	CGAAACCCGC	CGCGTCTGTT	GAAATGGCCA	GCCGCCCAGC
	86461	CGCATCCTCT	CCCGTCGAAG	CGCGGGCCCC	GGTTGGGGGA	CAGGAGGCCG	GCGGCCCCAG
	86521	CGCAGCCACC	CAGGGGGAGG	CCGCCGGGGC	CCCTCTCGCC	CACGGCCACC	ACGTGTACTG
	86581	CCAGCGAGTC	AATGGCGTGA	TGGTGCTTTC	CGACAAGACG	CCCGGGTCCG	CGTCTTACCG
	86641	CATCAGCGAT	AACAACCTTG	TCCAATGTGG	TTCCAACATG	ACCATGATCA	TCGACGGAGA
35	86701	CGTGGTGCGC	GGGCGCCCCC	AGGACCCGGG	GGCCGCGGCA	TCCCCGCTC	CCTTCGTTGC
	86761	GGTGACAAAC	ATCGGAGCCG	GCAGCGACGG	CGGGACCGCC	GTCGTGGCAT	TCGGGGGAAC
	86821	CCCACGTGCG	TCGGCGGGGA	CGTCTACCGG	TACCCAGACG	GCCGACGTCC	CCACCGAGGC
	86881	CCTTGGGGGC	CCCCCTCCTC	CTCCCCGCTT	CACCCCTGGG	GGCGGCTGTT	GTTCTGTCTG
	86941	CGACACACGG	CGCCGCTCTG	CGGTATTCCG	GGGGGAGGGG	GATCCAGTCG	GCCCCGCGGA
40	87001	GTTCTGCTCG	GACGACCGGT	CGTCCGATTC	CGACTCGGAT	GACTCGGAGG	ACACGGACTC
	87061	GGAGACGCTG	TCACACGCCT	CCTCGGACCT	GTCCGGCGGG	GCCACGTACG	ACGACGCCCT
	87121	TGACTCCGAT	TCGTATCCGG	ATGACTCCCT	CGAGATAGAT	GGCCCCGTGT	GTGCCCCGTG
	87181	GAGCAATGAC	ACCGCGCCCC	TGGATGTTTG	CCCGGGGACC	CCCGGCCCGG	GCGCCGACGC
	87241	CGGTGGTCCC	TCAGCGGTAG	ACCCACACGC	GC CGACGCCA	GAGGCCGGCG	CTGGTCTTGC
45	87301	GGCCGATCCC	GCCGTGGCCC	GGGACGACGC	GGAGGGGCTT	TCGGACCCCC	GGCCACGTCT
	87361	GGGAACGGGC	ACGGCCTACC	CCGTCCCCCT	GGAACCTCAC	CCCGAGAACG	CGGAGGCCGT
	87421	GGCGCGCTTT	CTGGGAGATG	CCGTGAACCG	CGAACCCCGC	CTCATGCTGG	AGTACTTTTG
	87481	CCGGTGCGCC	CGCGAGGAAA	CCAAGCGTGT	CCCCCCAGG	ACATTGCGCA	GCCCCCTCG
	87541	CCTCACGGAG	GACGACTTTG	GGCTTCTCAA	CTACGCGCTC	GTGGAGATGC	AGCGCCTGTG
50	87601	TCTGGACGTT	CCTCCGGTCC	CGCCGAACGC	ATACATGCCC	TATTATCTCA	GGGAGTATGT
	87661	GACGCGGCTG	GTCAACGGGT	TCAAGCCGCT	GGTGAGCCGG	TCCGTCCGCC	TTTACCGCAT
	87721	CCTGGGGGTT	CTGGTGCACC	TGCGGATCCG	GACCCGGGAG	GCCTCCTTTG	AGGAGTGGCT
	87781	GCGATCCAAG	GAAGTGGCCC	TGGATTTTGG	CTTGACGGAA	AGGCTTCGCG	AGCACGAAGC
	87841	CCAGCTGGTG	ATCCTGGCCC	AGGCTCTGGA	CCATTACGAC	TGTCTGATCC	ACAGCACACC
55	87901	GCACACGCTG	GTGAGCGGG	GGCTGCAATC	GGCCCTGAAG	TATGAGGAGT	TTTACCTAAA
	87961	GCGTTTTGGC	GGGCAC'TACA	TGGAGTCCGT	CTTCCAGATG	TACACCCGCA	TCGCCGGCTT
	88021	TTTGGCCTGC	CGGGCCACGC	GCGGCATGCG	CCACATCGCC	CTGGGGCGAG	AGGGGTCTGT
	88081	GTGGGAAATG	TTCAAGTTCT	TTTTCCACCG	CC'TCTACGAC	CACCGAGATCG	TACCGTCGAC
	88141	CCCCGCCATG	CTGAACCTGG	GGACCCGCAA	CTACTACACC	TCCAGCTGCT	ACCTGGTAAA

	88201	CCCCCAGGCC	ACCACAAACA	AGGCGACCCT	GCGGGCCATC	ACCAGCAACG	TCAGTGCCAT
	88261	CCTCGCCCGC	AACGGGGGCA	TCGGGCTATG	CGTGCGAGCG	TTTAACGACT	CCGGCCCCCG
	88321	GACCGCCAGC	GTCATGCCCC	CCCTCAAGGT	CCTTGACTCG	CTGGTGCGCG	CGCACAACAA
5	88381	AGAGAGCGCG	CGTCCGACCG	GCGCGTGCGT	GTACCTGGAG	CCGTGGCACA	CCGACGTGCG
	88441	GGCCGTGCTC	CGGATGAAGG	GGGTCTCTCG	CGGCGAAGAG	GCCCAGCGCT	GCGACAATAT
	88501	CTTCAGCGCC	CTCTGGATGC	CAGACCTGTT	TTTCAAGCGC	CTGATTCTGC	ACCTGGACGG
	88561	CGAGAAGAAC	GTCACATGGA	CCCTGTTCGA	CCGGGACACC	AGCATGTCTG	TCGCCGACTT
	88621	TCACGGGGAG	GAGTTCGAGA	AGCTCTACCA	GCACCTCGAG	GTCTATGGGGT	TCGGCGAGCA
	88681	GATACCCATC	CAGGAGCTGG	CCTATGGCAT	TGTGCGCAGT	GCGGCCACGA	CCGGGAGCCC
10	88741	CTTCGTCTATG	TTCAAAGACG	CGGTGAACCG	CCACTACATC	TACGACACCC	AGGGGGCGGC
	88801	CATCGCCGGC	TCCAACCTCT	GCACCGAGAT	CGTCCATCCG	GCCTCCAAGC	GATCCAGTGG
	88861	GGTCTGCAAC	CTGGGAAGCG	TGAATCTGGC	CCGATGCGTC	TCCAGGCAGA	CGTTTGACTT
	88921	TGGGCGGCTC	CGCGACGCCG	TGCAGGCGTG	CGTGCTGATG	GTGAACATCA	TGATCGACAG
	88981	CACGCTACAA	CCCACGCCCC	AGTGCACCCG	CGGCAACGAC	AACCTGCGGT	CCATGGGAAT
15	89041	CGGCATGCAG	GGCCTGCACA	CGGCCTGCCA	GAAGCTGGGG	CTGGATCTGG	AGTCTGCCGA
	89101	ATTTTCAGGAC	CTGAACAAAC	ACATCGCCGA	GGTGATGCTG	CTGTGCGCGA	TGAAGACCAG
	89161	CAACGCGCTG	TGCGTTTCGG	GGGCCCGTCC	CTTCAACCAC	TTTAAGCGCA	GCATGTATCG
	89221	CGCCGGCCGC	TTTCACTGGG	AGCGCTTTCC	GGACGCCCCG	CCGCGGTACG	AGGGCGAGTG
	89281	GGAGATGCTA	CGCCAGAGCA	TGATGAAACA	CGGCCTGCGC	AACAGCCAGT	TTGTGCGGCT
20	89341	GATGCCCCACC	GCCGCCTCGG	CGCAGATCTC	GGACGTCAGC	GAGGGCTTTG	CCCCCTGT
	89401	CACCAACCTG	TTCAGCAAGG	TGACCCGGGA	CGGCGAGACG	CTGCGCCCCA	ACACGCTCCT
	89461	GCTAAAGGAA	CTGGAACGCA	CGTTTAGCGG	GAAGCGCCTC	CTGGAGGTGA	TGGACAGTCT
	89521	CGACGCCAAG	CAGTGGTCCG	TGGCGCAGGC	GCTCCCGTGC	CTGGAGCCCA	CCCACCCCT
	89581	CCGGCGATTG	AAGACCGCGT	TTGACTACGA	CCAGAAGTTG	CTGATCGACC	TGTGTGCGGA
25	89641	C CGCGCCCC	TACGTCGACC	ATAGCCAATC	CATGACCCCTG	TATGTACACG	AGAAGCGGGA
	89701	CGGGACCCTC	CCAGCCTCCA	CCCTGGTCCG	CTTCTGGTTC	CACGCATATA	ACGCGGACT
	89761	AAAAACAGGG	ATGTACTACT	GCAAGGTTTC	CAAGGCGACC	AACAGCGGGG	TCTTTGGCGG
	89821	CGACGACAAC	ATTGTCTGCA	TGAGCTGCGC	GCTGTGACCG	ACAAACCCCC	TCCGCGCCAG
	89881	GCCCCGCCGC	ACTGTCTGTC	CCGTCCCACG	CTCTCCCCCTG	CTGCCATGGA	TTCCGCGGCC
30	89941	CCAGCCCTCT	CCCCCGCTCT	GACGGCCCTT	ACGGACCAGA	GCGCGACGGC	GGACCTGGCG
	90001	ATCCAGATTC	CAAAGTGCCC	CGACCCCGAG	AGGTACTTCT	ACACCTCCCA	GTGTCCCGAC
	90061	ATTAACCACC	TGCGCTCCCT	CAGCATCCTT	AACCGCTGGC	TGGAAACCGA	GCTTGTTTTT
	90121	GTGGGGGACG	AGGAGGGACG	CTCCAAGCTT	TCCGAGGGCG	AGCTCAGCTT	TTACCGCTTC
35	90181	CTTTTCGCTT	TCCTGTGCGC	CGCCGACGAC	CTGGTTACGG	AAAACCTGGG	CGCCCTCTCC
	90241	GGCCTGTTTG	AGCAGAAGGA	CATTCTCCAC	TACTACGTGG	AGCAGGAATG	CATCGAAGTC
	90301	GTACACTCGC	GCGTGTACAA	CATCATCCAG	CTGGTGCTTT	TCCACAACAA	CGACCAGGCG
	90361	CGCCGCGAGT	ACGTGGCCGG	TACCATCAAC	CACCCGGCCA	TCCGCGCCAA	GGTGGACTGG
	90421	TTGGAAGCGC	GGGTGCGGGA	ATGCGCCTCC	GTTCCGGAAA	AGTTTATTCT	CATGATCCTC
40	90481	ATCGAGGGCA	TCTTTTTTGC	CGCCTCGTTT	GCCGCCATCG	CCTACCTTCG	CACCAACAAC
	90541	CTTCTGCGGG	TCACCTGCCA	GTCAAACGAC	CTCATCAGCC	GGGACGAGGC	CGTGACACAG
	90601	ACGGCCTCGT	GTTACATCTA	CAACAACACT	CTCGGCGGGC	ACGCCAAGCC	CCGCCCCGAC
	90661	GCGGTGTACG	GGCTGTTCCG	CCAGGCGGTC	GAGATCGAGA	TCGGATTTAT	CCGATCCCAG
	90721	GCGCCGACGG	ACAGCCATAT	CCTGAGCCCG	GCGGCGCTGG	CGGCCATCGA	AAACTACGTG
45	90781	CGATTACAGC	CGGATCGCCT	GTTGGGCTTT	ATCCACATGA	AGCCACTGTT	TTCCGCCCCA
	90841	CCCCCGACG	CCAGCTTTCC	GCTGAGCCTC	ATGTCCACCG	ACAAACACAC	CAATTTTTTT
	90901	GAGTGTGCGA	GCACCTCCTA	CGCCGGGGCG	GTCGTCAACG	ATCTGTGAGT	GTGCGGGCGC
	90961	GCTTCTACCC	GTGTTTGCCC	ATAATAAACC	TCTGAACCAA	ACTTTGGGTC	TCATTGTGAT
	91021	TCTTGTCAGG	GACGCGGGGG	TGGGAGAGGA	TAAAAGGCGG	CGCAAAAAGC	AGTAACCAGG
	91081	TCCGTCCAGA	TTCTGCGGGC	ATAGGATACC	ATAATTTTAT	TGGTGGGTCG	TTTGTTCGGG
50	91141	GACAAGCGCG	CTCGTCTGAC	GTTTGGGCTA	CTCGTCCCAG	AATTTGGGCA	GGACGTCTTT
	91201	GTAGAAGCGG	GGTGGGGGGG	CCTGGGTCCG	CAACTGCTCC	AGAAACCTGT	CGGCGATATC
	91261	AGGGGCGGTG	ATATGCCGGG	TCAGGATAGA	TCGCGCCAGG	TTTTCGTCTG	GGATGTCCTG
	91321	GTAGATAGGC	AGGCGTTTCA	GAAGAGTCCA	CGGCCCCCGC	TCCTTGGGGC	CGATAAGCGA
	91381	TATGACGTAC	TTAATGTAGC	GGTGTTCAC	CAGCTCGGTG	ATGGTTCATG	GATCGGGGAG
55	91441	CCAGTCCAGG	GACTCTGGGG	CGTCTGGGAT	GACGTGGCGT	CGCGGGTTGG	CCACATAACT
	91501	GCGGTGCTCT	TCCAGCAGCT	GCGCGTTTCG	GACCTGGACG	AGTTCGGGCG	GGGTGAGTAT
	91561	CTCCGAGGAG	GACGACCTGG	GGCCGGGGTG	GCCCCCGGTA	ACGTCCCGGG	GATCCAGGGG
	91621	GAGGTCTCTG	TCGTCTTCGT	ATCCGCCGGC	GATCTGTTGG	GTTAGAATTT	CGGTCCACGA
	91681	GACGCGCGTC	TCGGTGCCCG	CGGCGGCCCG	CGGCAGAGGG	GGCCTGGTTT	CCGTGGAGCG

	91741	CGAGCTGGTG	TGTTCCCGGC	GGATGGCCCC	CCGGGTCTGA	GAGCGACTCG	GGGGGGTCCA
	91801	GTGACATTCG	CGCAGCACAT	CCTCCACGGA	GGCGTAGGTG	TTATTGGGAT	GGAGGTCGGT
	91861	GTGGCAGCGG	ACAAAGAGGG	CCAGGAACCTG	GGGGTAGCTC	ATCTTAAAGT	ACTTTAGTAT
5	91921	ATCGCGACAG	TTGATCGTGG	GAATGTAGCA	GGCGTAATA	TCCAACACAA	TATCACAGCC
	91981	CATCAACAGG	AGGTCAGTGT	CCGTGGTGTA	CACGTACGCG	ACCGTGT'TGG	TGTGATAGAG
	92041	GTTGGCGCAG	GCATCGTCCG	CCTCCAGCTG	ACCCGAGTTA	ATGTAGGCGT	ACCCAGGGG
	92101	CCGGAGAACG	CGAATACAGA	ACAGATGCGC	CAGACGCAGG	GCCGGCTTCG	AGGGCGCGGC
	92161	GGACGGCAGC	GCGGCTCCGG	ACCCGGCCGT	CCCCCGGGTC	CCCGAGGCCA	GAGAGGTGCC
	92221	GCGCCGGCGC	ATGTTGGAAA	AGGCAGAGCT	GGGTCTGGAG	TCGGTGATGG	GGGAAGGCGG
10	92281	TGGAGAGGCG	TCCACGTCAC	TGGCCTCCTC	GTCCGTCCGG	CACTGGGCCG	TCGTGCGGGC
	92341	CAGGATGGCC	TTGGCTCCAA	ACACAACCGG	CTCCATACAA	TTGACCCCGC	GATCGGTAAC
	92401	GAAGATGGGG	AAAAGGGACT	TTTGGGTAAA	CACCTTTAAT	AAGCGACAGA	GGCAGTGTAG
	92461	CGTAATGGCC	TCGCGGTCTG	AACTGGGGTA	TCGGCGCTGA	TATTTGACCA	CCAACGTGTA
	92521	CATGACGTTT	CACAGGTCCA	CGGCAATGGG	GGTGAAGTAC	CCGGCCGGGG	CCCCAAGGCC
15	92581	CCGGCGCTTG	ACCAGATGGT	GTGTGTGGGC	AACTTCATC	ATCCCGAACA	AACCCATGTC
	92641	AGGTCAATTG	TAAGTGCAGA	TCGGCCTAAC	TAAGGCGTGG	TTGGTGCAGC	GGTCCGGGAC
	92701	ACCCGAGCCT	GTCTCTCTGT	GTATGGTGAC	TCAGACAACA	ACACCGACAC	AAGAGGACAA
	92761	TAATCCGTTA	GGGGACGCTC	TTTATAATTT	CGATGGCCCA	ACTCCACGCG	GATTGGTGCA
	92821	GCACCTTGCA	TGCGCCGGTG	CGGGCCAACC	TTCCCCCGC	TCATTGCCTC	TTCCAAAAGG
20	92881	GTGTGGCCTA	ACGAGCTGGG	GGCGTATTTA	ATCAGGCTAG	CGCGCGGGGC	CTGCCGTAGT
	92941	TTCTGGCTCG	GTGAGCGACG	GTCCGGTTGC	TTGGGTCCCC	TGGCTGCCAT	CAAAACCCCA
	93001	CCCTCGCAGC	GGCATACGCC	CCCTCCGCGT	CCCGACCCG	AGACCCCGGC	CCGGCTGCC
	93061	TCACCACCGA	AGCCCACCTC	GTCAGTGTGG	GGTGT'TCCCA	GCCCGCGTTG	GGATGACGGA
	93121	TTCCCCTGGC	GGTGTGGCCC	CCCCTCCCC	CGTGGAGGAC	GCGTCGGACG	CGTCCCTCGG
25	93181	GCAGCCGGAG	GAGGGGGCGC	CCTGCCAGGT	GGTCTGCAG	GGCGCCGAAC	TTAATGGAAT
	93241	CCTACAGGCG	TTTGCCCCGC	TGCGCACGAG	CCTTCTGGAC	TCGCTTCTGG	TTATGGGCGA
	93301	CCGGGGCATC	CTTATCCATA	ACACGATCTT	TGGGGAGCAG	GTGTTCTTGC	CCCTGGAACA
	93361	CTCGCAATTC	AGTCGGTATC	GCTGGCGCGG	ACCCACGGCG	GCGTTCCTGT	CTCTCGTGGA
	93421	CCAGAAGCGC	TCCCTCCTGA	GCGTGT'TTCG	CGCCAACCAG	TACCCGACC	TACGTCCGGT
30	93481	GGAGTTGGCG	ATCACGGGCC	AGGCCCCGTT	TCGCACGCTG	GTTTACGCGA	TATGGACGAC
	93541	GACGTCCGAC	GGCGAGGCCG	TTGAGCTAGC	CAGCGAGACG	CTGATGAAGC	GCGAACTGAC
	93601	GAGCT'TTGTG	GTGCTGGTTC	CCCAGGGAAC	CCCCGACGTT	CAGTTGCGCC	TGACGAGGCC
	93661	GCAGCTCAC	AAGGTCCTTA	ACGCGACCGG	GGCCGATAGT	GCCACGCCCC	CCACGTTTCA
	93721	GCTCGGGTT	AACGGCAAAT	TTTCCGTGTT	CACCACGAGT	ACCTGCGTCA	CCCTTGCTGC
35	93781	CCGCGAGGAG	GGCGTGTCGT	CCAGCACACG	CACCCAGGT	CAGATCCTGT	CCAACGCGCT
	93841	CACCAAGGCG	GGCCAGGCGG	CCGCCAACGC	CAAGACGGTG	TACGGGGAAA	ATACCCATCG
	93901	CACCTTCTCT	GTGGTCGTCT	ACGATTGCAG	CATGCGGGCG	GTGCTCCGGC	GAAGTCAGGT
	93961	CGGCGGGGGC	ACCTTCAAGT	TCTTCTCAC	GACCCCGT	CCCAGTCTGT	GCGTCACCGC
	94021	CACCGGTCCC	AACGCGGTAT	CGGCGGTATT	TCTCCTGAAA	CCCCAGAAGA	TTTGCCCTGGA
40	94081	CTGGCTGGGT	CATAGCCAGG	GGTCTCCTTC	AGCCGGGAGC	TCGGCCTCCC	GGGCCTCTGG
	94141	GAGCGAGCCA	ACAGACAGCC	AGGACTCCGC	GTCGGACGCG	GTCAGCCACG	GCGATCCGGA
	94201	AGACCTCGAT	GGCGCTGCC	GGCGGGGAGA	GGCGGGGGCC	TTGCATGCCT	GTCCGATGCC
	94261	GTCGTCGACC	ACGCGGGTCA	CTCCACGAC	CAAGCGGGGG	CGCTCGGGGG	GCGAGGATGC
45	94321	GCGCGCGGAC	ACGGCCCTAA	AGAAACCTAA	GACGGGGTCG	CCCACCGCAC	CCCCGCCCCG
	94381	AGATCCAGTC	CCCC'TGGACA	CGGAGGACGA	CTCCGATGCG	GCGGACGGGA	CGGCGGCCCC
	94441	TCCCGCCGCT	CCAGACGCCC	GGAGCGGAAG	CCGT'TACGCG	TGTTACTTTC	GCGACCTCCC
	94501	GACCGGAGAA	GCAAGCCCCG	GCGCCTTCTC	CGCCTTCCGG	GGGGGCCCCC	AAACCCCGTA
	94561	TGGT'TTTGGA	TTCCCC'TGAC	GGGGCGGGGC	CTTGGCGGCC	GCCCAACTCT	CGCACCATCC
	94621	CGGGT'TAATG	TAAATAAACT	TGGTATTGCC	CAACACTTTC	CCGCGTGTCT	CGTGTGGTTC
50	94681	ATGTGTGTGC	CTGGCGCCCC	CACCTCCGG	TTCTGTATAT	TCCTTTCCT	GTCTTATAA
	94741	AAGCCGTATG	TGGGCGGTGA	CGGAACCAAC	CCGCGTGCCA	TCACGGCCAA	GGCGCGGGAT
	94801	GCTCCGCAAC	GACAGCCACC	GGGCCGTGTC	CCCGAGGAC	GGGTCTGACGA	GGGTCTGACGA
	94861	CGGACGGCCA	CACCTCGCGT	GCGTGGGGGC	CCTGGCGCGG	GGGTTCATGC	ATATCTGGCT
	94921	TCAGGCCGCC	ACGCTGGGTT	TTGCGGGATC	GGTCGTTATG	TCGCGCGGGC	CGTACGCGAA
55	94981	TGCCGCTCT	GGGGCGTTTC	CCGTCCGGTG	CGCCGTGCTG	GGCTTTATGC	GCGACCCCC
	95041	TCCCCTCGCG	CGGCCACCG	CGCGGATATA	CGCCTGGCTC	AAACTGGCGG	CCGGTGGAGC
	95101	GGCCCTTGTT	CTGTGGAGTC	TCGGGGAGCC	CGGCACGCAG	CCGGGGGGCC	CGGCCCGGGG
	95161	CCCGGCCACC	CAGTGCC'TGG	CACTGGGCGC	CGCCTATGCG	GCGCTCCTGG	TGCTCGCCGA
	95221	TGACGTCTAT	CCGCTCTTTC	TCCTCGCCCC	GGGGCCCTTG	TTCTGTCGCA	CCCTGGGGAT

	95281	GGTCGTCGGC	GGGCTGACGA	TCGGAGGCAG	CGCGCGCTAC	TGGTGGATCG	GTGGGCCCGC
	95341	CGCGGCCGCC	CTGGCCGCGG	CGGTGTTGGC	GGGCCCCGGG	GCGACCACCG	CCAGGGACTG
	95401	CTTTTCCAGG	GCTTGCCCCG	ACCACCGCCG	CGTCTGTGTC	ATCACCGCAG	GCGAGTCTCT
5	95461	TTCGCGCCGC	CCCCCGGAGG	ACCCAGAGCG	ACCCGGGGTT	CCCGGGCCCG	CGTCCCCCCC
	95521	GACCCCCCAA	CGATCCCACG	GGCCGCGCGC	CGATGAGGTC	GCACCGGC	CA GGGTCGCGCG
	95581	GCCCGAAAAC	GTCTGGGTGC	CCGTGGTCA	CTTTCTGGGG	GCGGGCGCGC	TTGCCGTCAA
	95641	GACGGTGC	GAACATGCCC	GGGGAACGCC	GGGCCCGGGC	CTGCCGCTGT	GGCCCCAGGT
	95701	GTTTCTCGGA	GGCCATGTGG	CGGTGGCCCT	GACGGAGCTG	TGTCAGGCGC	TGCCGCCCTG
	95761	GGACCTTACG	GACCCGCTGC	TGTTTGTTCA	CGCCGGA	CTG	ACCTCGGGTT
10	95821	GGTGTTCG	TTTTCCGAGG	TTGTCTGTGA	TGCGGCGCTA	GGGGGTGCG	TGTGGATTTC
	95881	GTTGGCGCAG	GTGCTGGGGC	TCCGGCGTCG	CCTGCACAGG	AAGGACCCCG	GGGACGGGGC
	95941	CCGGTTGGCG	GCGACGCTTC	GGGGCCTCTT	CTTCTCCGTG	TACGCGCTGG	GGTTTGGGGT
	96001	GGGGGTGCTG	CTGTGCCCTC	CGGGGTCAAC	GGGCGGGCGG	TCGGGCGATT	GATATATTTT
	96061	TCAATAAAAG	GCATTAGTCC	CGAAGACCGC	CGGTGTGTGA	TGATTTCCGCC	ATAACACCCA
15	96121	AACCCCGGAT	GGGGCCCCGG	TATAAATTC	GGAAGGGGAC	ACGGGCTACC	CTCACTATCG
	96181	AGGGCGCTTG	GTGCGGAGGC	CGCATCGAAC	GCACACCCCG	ATCCGGTGGT	CCGTGTGGAG
	96241	GTCGTTTTCA	TGCCCCGTCT	CGCTTTGCCG	GGAACGCTAG	CCGATCCCTC	GCGAGGGGGA
	96301	GGCGTCGGGC	ATGGCCCCGG	GGCGGGTGGG	CCTTGCCGTG	GTCTGTGGA	GCCTGTTGTG
	96361	GCTCGGGGCG	GGGGTGTCCG	GGGGCTCGGA	AACTGCCTCC	ACCGGGCCCA	CGATCACCGC
20	96421	GGGAGCGGTG	ACGAACGCGA	GCGAGGCCCC	CACATCGGGG	TCCCCCGGGT	CAGCCGCCAG
	96481	CCCGGAGGTC	ACCCCCACAT	CGACCCCAAA	CCCCAACAAT	GTCACACAAA	ACAAAACCAC
	96541	CCCCACCGAG	CCGGCCAGCC	CCCCAACAAC	CCCCAAGCCC	ACCTCCACGC	CCAAAAGCCC
	96601	CCCCACGTCC	ACCCCCGACC	CCAAACCCAA	GAACAACACC	ACCCCCGCA	AGTCGGGGCCG
	96661	CCCCACTAAA	CCCCCGGGC	CCGTGTGGTG	CGACGCGCGC	GACCCATTGG	CCCGGTACGG
25	96721	CTCGCGGGTG	CAGATCCGAT	GCCGGTTTCG	GAATTCCACC	CGCATGGAGT	TCCCGCTCCA
	96781	GATATGGCGT	TACTCCATGG	GTCCGTCCCC	CCCAATCGCT	CCGGCTCCCG	ACCTAGAGGA
	96841	GGTCCTGACG	AACATCACCG	CCCCACCCGG	GGGACTCCTG	GTGTACGACA	GCGCCCCCAA
	96901	CCTAACGGAC	CCCCACGTGC	TCTGGGCGGA	GGGGGCCGGC	CCGGGCGCG	ACCCTCCGTT
	96961	GTATTCTGTC	ACCGGGCCGC	TGCCGACCCA	GCGGCTGATT	ATCGGCGAGG	TGACGCCCGC
30	97021	GACCCAGGGA	ATGTATTACT	TGGCCTGGGG	CCGGATGGAC	AGCCCGCACG	AGTACGGGAC
	97081	GTGGGTGCGC	GTCCGCATGT	TCCGCCCCCC	GTCTCTGACC	CTCCAGCCCG	ACGCGGTGAT
	97141	GGAGGGTCAG	CCGTTCAAGG	CGACGTGCAC	GGCCGCCGCC	TACTACCCGC	GTAACCCCGT
	97201	GGAGTTTGTG	TGGTTCGAGG	ACGACCACCA	GGTGTTTAAC	CCGGGCCAGA	TCGACACGCA
	97261	GACGCACGAG	CACCCCGACG	GGTTCACCAC	AGTCTCTACC	GTGACCTCCG	ACTCGTTCGG
35	97321	CGGCCAGGTC	CCCCCGCGGA	CCTTCACCTG	CCAGATGACG	TGGCATCGCG	ACTCCGTGAC
	97381	GTTCTCGCGA	CGCAATGCCA	CCGGGCTGGC	CCTGGTGCTG	CCGCGGCCAA	CCATCACCAT
	97441	GGAATTTGGG	GTCCGCATTG	TGGTCTGCAC	GGCCGGCTGC	GTCCCCGAGG	GCGTGACGTT
	97501	TGCCTGGTTC	CTGGGGGACG	ACCCCTCACC	GGCGGCTAAG	TCGGCCGTTA	CGGCCCAGGA
	97561	GTCGTGCGAC	CACCCCGGGC	TGGCTACGGT	CCGGTCCACC	CTGCCCATT	CGTACGACTA
40	97621	CAGCGAGTAC	ATCTGTGCGT	TGACCGGATA	TCCGGCCGGG	ATTCCCGTT	TAGAACACCA
	97681	CGGCAGTCAC	CAGCCCCCAC	CCAGGGACCC	CACCGAGCGG	CAGGTGATCG	AGGCGATCGA
	97741	GTGGTGGGG	ATTGGAATCG	GGGTCTCGC	GGCGGGGGTC	CTGGTCTGTA	CGGCAATCGT
	97801	GTACGTCGTC	CGCACATCAC	AGTCGCGGCA	GCGTCATCGG	CGGTACGCA	AGACCCCCC
	97861	GTTACCTTTT	TAATATCTAT	ATAGTTTGGT	CCCCCTCTA	TCCCGCCAC	CGCTGGGCGC
45	97921	TATAAAGCCG	CCACCCTCTC	TTCCCTCAGG	TCATCCTTGG	TCGATCCCGA	ACGACACACG
	97981	GCGTGGAGCA	AAACGCCTCC	CCCTGAGCCG	CTTTCTTACC	AACACAACGG	CATGCCTCTG
	98041	CGGGCATCGG	AACACGCCTA	CCGGCCCCTG	GGCCCCGGGA	CACCCCCCAT	GCGGGCTCGG
	98101	CTCCCCGCCG	CGGCCTGGGT	TGGCGTCGGG	ACCATCATCG	GGGGAGTTGT	GATCATTGCC
	98161	GCGTTGGTCC	TCGTGCCCTC	GCGGGCCTCG	TGGGCATTT	CCCCATGCGA	CAGCGGATGG
50	98221	CACGAGTTCA	ACCTCGGGTG	CATATCCTGG	GATCCGACCC	CCATGGAGCA	CGAGCAGGCG
	98281	GTCGCGCGCT	GTAGCGCCCC	GGCGACCTTG	ATCCCCCGCG	CGGCTGCCAA	ACAGCTGGCC
	98341	GCCGTCGCAC	GCGTCCAGTC	GGCAAGATCC	TCCGGCTACT	GGTGGGTGAG	CGGAGACGGC
	98401	ATTCGGGGCT	GCCTGCGGCT	CGTCGACGGC	GTCGGCGGTA	TTGACCAGTT	TTGCGAGGAG
	98461	CCGCCCCCTT	GCATATGCTA	CTATCCCCGC	AGTCCCCGGG	GCTTTGTTCA	GTTTGTAACT
55	98521	TCGACCCGCA	ACGCGCTGGG	GCTGCCGTGA	GGCGCGTGTA	CTGCGGTCTG	TCTCGTCTCC
	98581	TCTTCTCCCC	TTCCCTCCCC	CTCCGCATCC	CAGGATCACA	CCGGTCAA	AGGGTTGGGG
	98641	GGGTCCGGCA	CGGACCCAAA	ATAATAAACA	CACAATCACG	TGCGATAAAA	AGAACACGCG
	98701	GTCCCTGTG	GTGTTTTTGG	TTATTTTTAT	TAAATCTCGT	CGACAAACAG	GGGGAAAGGG
	98761	GCGTGGTCTA	GCGACGGCAG	CACGGGCGGA	GCGTTTACCC	GGCTCCGGCG	TCCTTCGCGT

	98821	TTAAGCTTGG	TCAGGAGGGC	GCTCAGGGCG	GCGACGTTGG	TCGGGCCGTC	GT'TGGTCAGG
	98881	GCGTTGGCTC	GATGGCGGGC	GAGGACGGGC	GAGGGGCTCA	ACGGCGGGGG	CGGGGGCCCCG
	98941	GTGCGGCCCG	GGGGGGAAAA	TAGGGCGGAT	CCCCCCCAGT	CGTACAGGGG	AT'TTTCCGCC
5	99001	TCAATGTACG	GGGAGGCCGG	CGCTGCATTC	GCCGTGTTCA	CGCAGACGTT	TT'CGTAGACC
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	99121	GACTCGTCGT	CCTCGTAGGG	GGCGTGCCGT	TCGCGGGCCG	AGGCGGCCGT	GG'TGGCTTTG
	99181	CGGCGGGCGT	CGTCGTCTGC	GTCTCGGGC	GTCAGATACG	TGGCTTCCAT	CTGGTCCGGT
	99241	TCTCCCTCCG	GGGCGGGTCC	CCACACCCGT	GGCCGATCGA	GGCTCCCCAG	AGACCGCGCG
	99301	CGGACGAGGA	GGGGGCACGT	CGCCGCCGGC	GGTCGCC'TGT	CGGGTCCCCG	GACGTTACGG
10	99361	GCCGGGAGGC	GCGGGGGCAC	CTCCCCCATG	TGCGTGTAAT	ACGTGGCCGG	CTGTGTGGCC
	99421	GCAGCGGGGG	GCTCGGCGAC	CGGGTCGTTC	GCATCCGGAA	GCGGGGGCCC	CGCGCCGTCC
	99481	GCGCGGCGCC	TCCGGAACCT	CCGGTGGGAC	GCGGGGGTCG	AGTGTAGGCG	AGGTCCGGGG
	99541	AGGGGCGGGG	GCTCGTTGTC	GCGCCGCGCC	CGTGAATCT	TTTCCCGACA	GG'TCCCACCC
	99601	CCCGCGCGAT	GGGGGGGGGG	GCCGCTGGCC	ATGTCGTCCG	GGGGAGGCC	CGCGGACCAC
15	99661	GTCGTCCGGC	GAGACGCCAC	GAGCCGAGG	ATGGACTCGT	AGTGGAGCGA	CGGCGCCCCG
	99721	TTGCGGAGCA	GATCCGCGGC	CAGGGCGGGC	CCGAACCAAG	CCTTGATGCT	CAACTCCATC
	99781	CGGGCCGAGC	TGGGGGCGGT	CATCGTGGGG	AACAGGGGGG	CGGTGGTCCG	ACAGAAACGC
	99841	TCTTGGC'TGT	CCACCGCGGC	CCGCAGATAC	TCGTTGTTCA	GGCTGTCCGT	GGCCCAGACG
	99901	CCGTACCCGG	TGAGGGTCGC	GTTGATGATA	TACTGGGCGT	GGTGATGGAC	GAT'CGACAGA
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	100081	AGCGCCATGC	ACTGCATGGA	GCCGCTCGTG	CCGCTGGGAC	CCCGGTCCAG	ATGGCGCGCG
	100141	AACGTTTCCG	CGGGCGCCTC	CGGGCTGCCG	CCGAGCGGGA	GGAACCGGCG	AT'TGGAGGGA
	100201	CTCAGCCGGT	GACATACGTG	CTTGTCCTGC	GTCCACAGCA	TCCAGGACGC	CCACCCGGTAC
25	100261	AGCAGCGAGA	CGTAGGCCAG	GAGCTCGTTG	AGCCGCGAGT	CGGTGTCGGT	GC'TGGGCGCG
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	100381	AGGCCGGCCA	CGGTGGCGGC	GTACTTGGCC	GCCACGGCCC	CGCTCTTGAA	CGGGGTGCGC
	100441	GCCAGCAGCT	TTGGCGCCAG	GGTGGGCCGC	AGCAGCACGT	GAAGGCTGGG	GT'CGCAGTCG
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35	100861	GGAACGCCCC	CGTTGTCCGC	CCGGATCAGG	TTGGCAGGCG	TCAGGCACCG	CGCCAGCCGC
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	100981	GGTCGGAGTT	ATGCCGCGTC	CAGGGCCATC	GGGGCGCTTT	TTATCGGGAG	GAGCTTATGG
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40	101161	CCGCGGGCCC	AACACGGACC	CGCCGCTTAC	GGGGGCGGGG	GGGAAGGGCT	CCAGGTCCCTT
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	101581	CACGGTCGCC	AGGGCCGTGT	GCAGCGCGTA	CACCGCAGCG	CCCAGCACGG	CGTTGAGCCC
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	101701	GACCGCGGGG	CTTCCCAGGG	GCAGGGCGCG	AAACAGCTCC	TCCCGCGCCA	CG'TCCGCAAA
50	101761	GGCGGGGTGG	TGCACGTGCG	GGTGCAGGCG	CGCCCCACG	ACCACCGAGA	GC'ACTGGAC
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	101881	CGTCAAAACG	CACCGGACGG	CGTCGGGATT	GAAGCGGGCG	AGCAGGGCCC	CGGTGGCCAG
	101941	GTACGTCATG	CGGCCGGCAT	AGCGGGCGGC	CACGCGACAG	TCGCGGTCCA	GCAGCGCGCG
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55	102061	GGATTGGGGG	GACACTAACC	CCCCCGCGCT	CAGTAACGGC	ACGGCCGCGG	CC'CCGACGGG
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	102181	AGACCCGCGC	GCCTCCGCGT	GAAGGCGCGT	CCCGCACACC	CACCCGTTGA	TGGCCAGCCG
	102241	CACGACGGCA	TCCGCCAAAA	AGCTCATCGC	CTGGGCGGGG	CTGGTTTTTT	TT'CGACGATC
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	106021	GTTCGGGGGG	CCCGGGGGGC	GGTGGTGGGT	GTGCGTCCGG	CCCCTCCGGA	CCCAGCGGGT
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5	106141	GTCCGGGGGA	CCTCCGGGTG	TTCGTCGTCT	TCGGATGACG	AGCCCCCGTA	GAGGGCATAA
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	106261	GCGCCACGGC	GGGAGGTGTC	AGGCGGACTA	TCGGGACTCG	CCATACCTGA	AGACGGGGTG
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15	106741	GCCTCTGGCA	GATCTGACAG	ACGTGTGCGA	TAATACACAC	GCCCATCGAG	GCCATGCCTA
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	107281	TAATACTGGG	TCTTATCGAC	TCGGGGTACC	GCGGAACCGT	TATGGCCGTG	TGCTAGCGCG
25	107341	CTAAAAGGAC	GCGGGAATTT	GCCCCGCGGA	CCCTGCGGGT	CGACTGACG	TTCTGGGACA
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	107461	CGCCCCCCCC	TCCAACCGGG	GCCGGGATAC	GCGAAGATCC	TTGGTTGGAG	GGGGCGCTCG
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40	108241	AAACACAAAA	CACACGGGTT	GGATGAAAAC	ACGCATTTAT	TGACCCAAAA	CACACGGAGC
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	109021	GTAATGGCCC	TTGGGCGCGC	GGACGCAATG	GGGCAGGAAG	ACGGGAACCG	CGGGGAGAGG
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	109261	GAAGAGAGTC	GGGCGCTCTA	CCAAGCGTCG	GGCGGGCTAA	ATGGCGACTC	CTTCCGAGTA
	109321	ACCTTTTGTG	TATTGGGGAC	GGAAGTGGGT	GGGACCCACC	AGGCCCGCGG	GCGAACCCGA
	109381	CCCATGTTTC	TCTGTCGCTT	CGAGCGAGCG	GACGACGTCG	CCGCGCTACA	GGACGCCCTG

	109441	GCGCACGGGA	CCCCGCTACA	ACCGGACCAC	ATCGCCGCCA	CCCTGGACGC	GGAGGCCACG
	109501	TTCGCGCTGC	ATGCGAACAT	GATCCTGGCT	CTCACCCTGG	CCATCAACAA	CGCCAGCCCC
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5	109621	GTGGGGCGCA	CGTCCC'TGGG	ACAACGCGGC	CTTACCACGC	TATACGTCCA	CCACGAGGTG
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	109741	CTTAGCAAAAT	TCGGGCGCGA	CGAAAAAAGC	CTGGTGCTCA	CCACTCGGTA	CTACCTGCTT
	109801	CAGGCCACAGC	GTCTGGGGGG	CGCGGGGGCC	ACGTACGACC	TGCAGGCCAT	CAAGGACATC
	109861	TGCGCCACCT	ACGCGATTCC	CCACGCCCCC	CGCCCCGACA	CCGTACGCGC	TGCGTCCCTG
10	109921	ACCTCGTTTG	CCGCCATCAC	GCGGTTCTGT	TGCACGAGCC	AGTACGCCCC	CGGGGCCGCG
	109981	GCGGCCGGGT	TTCCGCTTTA	CGTGGAGCGC	CGTATTGCGG	CCGACGTCCG	CGAGACCAGT
	110041	GCGCTGGAGA	AGTTCATAAC	CCACGATCGC	AGTTGCCTGC	GCGTGTCCGA	CCGTGAATTC
	110101	ATTACGTACA	TCTACCTGGC	CCATTTTGAG	TGTTTCAGCC	CCCCGCGCCT	AGCCACGCAAT
	110161	CTTCGGGCCG	TGACGACCCA	CGACCCCAAC	CCCCGCGCCA	GCACGGAGCA	GCCCTCGCCC
15	110221	CTGGGCAGGG	AGGCCGTGGA	ACAATTTTTT	TGTCACGTGC	GCGCCCAACT	GAATATCGGG
	110281	GAGTACGTCA	AACACAACGT	GACCCCCCGG	GAGACCCTCC	TGGATGGCGA	TACGGCCAAG
	110341	GCCTACCTGC	GCGCTCGCAC	GTACGCGCCC	GGGGCCCTGA	CGCCCGCCCC	CGCGTATTGC
	110401	GGGGCCGTGG	ACTCCGCCAC	CAAAATGATG	GGGCGTTTGG	CGGACGCCGA	AAAGCTCCTG
	110461	GTCCCCCGCG	GGTGGCCCGC	GTTTGCGCCC	GCCAGTCCCG	GGGAGGACAC	GGCGGGCGGC
20	110521	ACGCCGCCCC	CACAGACCTG	CGGAATTGTC	AAGCGCCTCC	TGAGACTGGC	CGCCACGGAA
	110581	CAGCAGGGCC	CCACACCCCC	GGCGATCGCG	GCGCTTATCC	GTAATGCGGC	GGTGCAGACT
	110641	CCCCTGCCCG	TCTACCGGAT	ATCCATGGTC	CCACGCGGAC	AGGCATTTGC	CGCGCTGGCC
	110701	TGGGACGACT	GGGCCCGCAT	AACGCGGGAC	GCTCGCCTGG	CCGAAGCGGT	CGTGTCCGCC
	110761	GAAGCGGCGG	CGCACCCCGA	CCACGGCGCG	CTGGGCAGGC	GGCTCACGGA	TGCGATCCCG
	110821	GGCCAGGGCC	CCGTGATGCC	CCCTGGCGGC	CTGGATGCCG	GGGGGCGAGT	GTCAGTGAAT
25	110881	CGCAACGAGA	TATTCAACGG	CGCGCTGGCA	ATCACAAACA	TCATCCTGGA	TCTCGACATC
	110941	GCCCTGAAGG	AGCCCGTCCC	CTTTCGCCGG	CTCCACGAGG	CCCTGGGCCA	CTTTAGGCGC
	111001	GGGGCTCTGG	CTGCGGTTCA	GCTCCTGTTT	CCCCGCGCCC	GCGTGGACCC	CGACGCATAT
	111061	CCCTGTTATT	TTTTCAAAAG	CGCATGTCGG	CCCCGCCCGG	CGTCCGTGGG	TTCCGGCAGC
30	111121	GGACTCGGCA	ACGACGACGA	CGGGGACTGG	TTTCCCTGCT	ACGACGACGC	CGGTGATGAG
	111181	GAGTGGGCGG	AGGACCCGGG	CGCCATGGAC	ACATCCACAG	ATCCCCCGGA	CGACGAGGTT
	111241	GCCTACTTTG	ACCTGTGCCA	CGAAGTCGGC	CCCACGCGCG	AACCTCGCGA	AACGGATTTCG
	111301	CCCGTGTGTT	CCTGCACCGA	CAAGATCGGA	CTGCGGGTGT	GCATGCCCGT	CCCCGCCCGG
	111361	TACGTCTGTC	ACGGTTCTCT	AACGATCGCG	GGGGTGCCAC	GGGTATATCA	CGAGGCGGTG
35	111421	CTGTTGGACC	GAGATTTTGT	GGAGGCCATC	GGGAGCTACG	TAAATAACTT	CCTGTTGATC
	111481	GATACGGGGG	TGTACGCCCA	CGGCCACAGC	CTGCGCTTGC	CGTATTTTGC	CAAAATCGCC
	111541	CCCGACGGGC	CTGCGTGCGG	AAGGCTGCTG	CCAGTGTTTG	TGATCCCCCC	CGCCTGCAAA
	111601	GACGTTCCGG	CGTTTGTCGC	CGCGCACGCC	GACCCGCGGC	GCTTCCATTT	TCACGCCCCG
	111661	CCCACCTATC	TCGCTTCCCC	CCGGGAGATC	CGTGTCTGTC	ACAGCCTGGG	TGGGGACTAT
40	111721	GTGAGCTTCT	TTGAAAGGAA	GGCGTCCCGC	AACGCGCTGG	AACACTTTGG	GCGACGCGAG
	111781	ACCCTGACGG	AGGTCCTGGG	TCGGTACAAC	GTACAGCCGG	ATGCGGGGGG	GACCGTTCGAG
	111841	GGGTTCGCAT	CGGAACCTGCT	GGGGCGGATA	GTCGCGTGCA	TCGAAACCCA	CTTTCCCGAA
	111901	CACGCCGGCG	AATATCAGGC	CGTATCCGTC	CGGCGGCGCG	TCAGTAAGGA	CGACTGGGTC
	111961	CTCCTACAGC	TAGTCCCCGT	TGCGGGTACC	CTGCAGCAAA	GCCTGTCTGT	TCTCGCTTTT
45	112021	AAGCACGGCC	GGGCGAGTCG	CGCCACGGCG	CGGACA'TTCG	TCGCGCTGAG	CGTCGGGGCC
	112081	AACAACCGCC	TGTGCGTGTC	CTTGTTGTCAG	CAGTGC'TTTG	CCGCCAAATG	CGACAGCAAC
	112141	CGCCTGCACA	CGCTGTTTTAC	CATTGACGCC	GGCAGCCCAT	GCTCGCCGTC	CGTTCCCTGC
	112201	AGCACCTCTC	AACCGTCGTC	TTGATAACGG	CGTACGCGCT	CGTGCTCGTG	TGGTACACCG
	112261	TCTTCGGTGC	CAGTCCGCTG	CACCGATGTA	TTTACGCGGT	ACGCCCCACC	GGCACCAACA
50	112321	ACGACACCGC	CCTCGTGTGG	ATGAAAATGA	ACCAGACCCCT	ATTGTTTCTG	GGGGCCCCGA
	112381	CGCACCCCCC	CAACGGGGGG	TGGCGCAACC	ACGCCCATAT	CTGCTACGCC	AATCTTATCG
	112441	CGGGTAGGGT	CGTGCCCTTC	CAGGTCCAC	CTGACGCCAT	GAATCGTCGG	ATCATGAACG
	112501	TCCACGAGGC	AGTTAACTGT	CTGGAGACCC	TATGGTACAC	ACGGGTGCGT	CTGGTGGTTCG
	112561	TAGGGTGGTT	CCTGTATCTG	GCGTTCGTGC	CCCTCCACCA	ACGCCGATGT	ATGTTTGGCG
55	112621	TCGTGAGTCC	CGCCACAAG	ATGGTGGCCC	CGGCCACCTA	CCTCTTGAAC	TACGCAGGCC
	112681	GCATCGTATC	GAGCGTGTTC	CTGCAGTACC	CCTACAAGAA	AATTACCCGC	CTGCTCTGCG
	112741	AGCTGTTCGGT	CCAGCGGCAA	AACCTGGTTC	AGTTGT'TTGA	GACGGACCCG	GTCACCTTCT
	112801	TGTACCACCG	CCCCGCCATC	GGGGTCATCG	TAGGCTCGGA	GTTGATGCTA	CGCTTTGTGG
	112861	CCGTGGGTCT	CATCGTCGGC	ACCGCTTTCA	TATCCC'GGGG	GGCATGTGCG	ATCACATACC
	112921	CCCTGTTTCT	GACCATCACC	ACCTGGTGTG	TTGTCTCCAC	CATCGGCCTG	ACAGAGCTGT

	112981	ATTGTATTCT	GCGGCGGGGC	CCGGCCCCCA	AGAACG	CAGA	CAAGGCCGCC	GCCCCGGGGC		
	113041	GATCCAAGGG	GCTGTCGGGC	GTCTGCGGGC	GCTGCT	GTTT	CATCATCCTC	TCGGGCATCG		
	113101	CAGTGCAGAT	GTGTTATATC	GCCGTGGTGG	CCGGGG	TGGT	GCTCGTGGCG	CTTCACTACG		
5	113161	AGCAGGAGAT	CCAGAGGCGC	CTGTTTGATG	TATGAC	GTCA	CATCCAGGCC	GGCGGAAACC		
	113221	GTAACGGCAT	ATGCAAATTG	GAAACTGTCC	TGTCTT	GGGG	CCCACCCACC	CGACGCGTCA		
	113281	TATGCAAATG	AAAATCGGTC	CCCCGAGGCC	ACGTGT	AGCC	TGGATCCCAA	CGACCCCGCC		
	113341	CATGGGTCCC	AATTGGCCGT	CCCCTTACCA	AGACCA	ACCC	AGCCAGCGTA	TCCACCCCGG		
	113401	CCCGGGTCCC	CGCGGAAGCG	GAACGGGGTA	TGTGAT	ATGC	TAATTAAATA	CATGCCACGT		
	113461	ACTTATGGTG	TCTGAT	TGGT	CCTTGT	TCTGT	GCCGGAGG	TG	GGGCGGGGGC	CCCGCCCGGG
10	113521	GGGCGGAACG	AGGAGGGGTT	TGGGAGAGCC	GGCCCC	GGCA	CCACGGGTAT	AAGGACATCC		
	113581	ACCACCCGGC	CGGTGGTGGT	GTGCAGCCGT	GTTCCA	ACCA	CGGTACGCT	TCGGTGCCTC		
	113641	TCCCCGATTC	GGGCCCGGTC	GCTCGCTACC	GGTGC	CCAC	CACCAGAGGC	CATATCCGAC		
	113701	ACCCAGACCC	CGACGGCAGC	CGACAGCCCG	GTCATG	GCGA	CTGACATTGA	TATGCTAATT		
	113761	GACCTCGGCC	TGGACCTCTC	CGACAGCGAT	CTGGAC	GAGG	ACCCCCCGGA	GCCGGCGGAG		
15	113821	AGCCGCCGCG	ACGACCTGGA	ATCGGACAGC	AGCCGG	GAGT	GTTCTCTGTC	GGACGAGGAC		
	113881	ATGGAAGACC	CCCACGGAGA	GGACGGACCG	GAGCCG	ATAC	TCGACGCCGC	TCGCCCGGCG		
	113941	GTCCGCCCGT	CTCGTCCAGA	AGACCCCGGC	GTACCC	AGCA	CCCAGACGCC	TCGTCCGACG		
	114001	GAGCGGCAGG	GCCCCAACGA	TCCTCAACCA	GCGCCC	CACA	GTGTGTGGTC	GCGCCTCGGG		
	114061	GCCCCGGCGAC	CGTCTTGCTC	CCCCGAGCAG	CACGGG	GGCA	AGGTGGCCCG	CCTCCAACCC		
20	114121	CCACCGACCA	AAGCCCAGCC	TGCCCGCGGC	GGACGC	CGTG	GGCGTCGCAG	GGGTCTGGGT		
	114181	CGCGGTGGTC	CCGGGGCTGC	CGATGGTTTG	TCGGAC	CCCC	GCCGGCGTGC	CCCCAGAACC		
	114241	AATCGCAACC	CTGGGGGACC	CCGCCCCGGG	GCGGGG	TGGA	CGGACGGCCC	CGGCGCCCCC		
	114301	CATGGCGAGG	CGTGGCGCGG	CAGTGAGCAG	CCCGAC	CCAC	CCGGAGGCCA	GCGGACACGG		
	114361	GGCGTGC	CGC	CGC	CGC	CGC	CGC	CGC		
25	114421	CCCCGCCGCC	CGGCCCGGGA	GCGAAAGCG	CCCGCC	GCCG	ACACCATCGA	CGCCACACG		
	114481	CGGTTGGTCC	TGCGCTCCAT	CTCCGAGCGC	GCGGCG	GTCC	ACCGCATCAG	CGAGAGCTTT		
	114541	GGCCGCAGCG	CACAGGTCAT	GCACGACCCC	TTTGGG	GGGC	AGCCGTTTCC	CGCCGCGAAT		
	114601	AGCCCCCTGGG	CCCCGGTGCT	GGCGGGCCAA	GGAGGG	CCCT	TTGACGCCGA	GACCAGACGG		
	114661	GTCTCTCTGGG	AAACCTTGGT	CGCCCACGGC	CCGAGC	CTCT	ATCGCACTTT	TGCCGCGAAT		
30	114721	CCTCGGGCCG	CATCGACCGC	CAAGGCCATG	CGCGAC	TGCG	TGCTGCGCCA	AGAAAAATTT		
	114781	ATCGAGGCGC	TGGCCTCCGC	CGACGAGACG	CTGGCG	TGGT	GCAAGATGTG	CATCCACCAC		
	114841	AACCTGCCGC	TGCGCCCCCA	GGACCCCAT	ATCGGG	ACGA	CCGCGGCTGT	GCTGGATAAC		
	114901	CTCGCCACGC	GCCCTGCGGC	CTTTCTCCAG	TGCTAC	CTGA	AGGCGCGAGG	CCTGTGCGGC		
	114961	CTGGACGAAC	TGTGTTTCGG	GCGGCGTCTG	GCGGAC	ATTA	AGGACATTGC	ATCCTTCGTG		
35	115021	TTTGTTCATTC	TGGCCAGGCT	CGCCAACCGC	GTCGAG	CGTG	GCGTCGCGGA	GATCGACTAC		
	115081	GCGACCCTTG	GTGTCGGGGT	CGGAGAGAAG	ATGCAT	TTCT	ACCTCCCCGG	GGCCTGCATG		
	115141	GCGGGCCTGA	TCGAAATCCT	AGACACGCAC	CGCCAG	GAGT	GTTTCGAGTCG	TGTCTGCGAG		
	115201	TTGACGGCCA	GTCACATCGT	CGCCCCCCCC	TACGTG	CACG	GCAAATATTT	TTATTGCAAC		
	115261	TCCCTGTTTT	AGGTACAATA	AAAACAAAAC	ATTTCA	AACA	AATCGCCCCC	CGTGTGTGTC		
40	115321	TTCTTTTGCTC	ATGGCCGGCG	GGGCGTGGGT	CACGGC	AGAT	GGCGGGGGTG	GGCCCGGCGT		
	115381	ACGGCCTGGG	TGGGCGGAGG	GAACATAACC	AACGTA	TAAA	TCCGTCCCCG	TTCCAAGGCC		
	115441	GGTGTACATG	TGCCCTTAGG	AGCTTCCCCG	CCGGGC	GCAT	CCCCCTTTT	GCACTATGAC		
	115501	AGCGACCCCC	CTCACCAACC	TGTTCTTACG	GGCCCC	GGAC	ATAACCCACG	TGGCCCCCCC		
	115561	TTACTGCCTC	AACGCCACCT	GGCAGGCCGA	AACGGC	CATG	CACACCAGCA	AAACGGACTC		
45	115621	CGCTTGCGTG	GCCGTGCGGA	GTTACCTGGT	CCGCGC	CTCC	TGTGAGACCA	GCGGCACAAT		
	115681	CCACTGCTTT	TTCTTTTGCGG	TATACAAGGA	CACCCA	CCAC	ACCCCTCCGC	TGATTACCGA		
	115741	GCTCCGCAAC	TTTGCGGACC	TGGTTAACCA	CCCGCC	GGTC	CTACGCGAAC	TGGAGGATAA		
	115801	GCGCGGGGTG	CGGCTGCGGT	GTGCGCGGCC	GTTTAG	CGTC	GGGACGATTA	AGGACGTCTC		
	115861	TGGGTCCGGC	GCGTCTTCGG	CGGGAGAGTA	CACGAT	AAAC	GGGATCGTGT	ACCACTGCCA		
50	115921	CTGTCGGTAT	CCGTTCTCAA	AAACATGCTG	GATGGG	GGCC	TCCGCGGGCC	TACAGCACCT		
	115981	CGCTCCATC	AGCTCCAGCG	GCATGGCCCG	CCGCGC	GGCA	GAGCATCGAC	CGGTCAAGAT		
	116041	TAAAAATTAAG	GCGTGATCTC	CAACCCCCCC	ATGAAT	GTGT	GTAACCCCCC	CCAAAAAAT		
	116101	AAAGAGCCGT	AACCCAACCA	AACCAGGCGT	GGTGTG	AGTT	TGTGGACCCA	AAGCCCTCAG		
	116161	AGACAACGCG	ACAGGCCAGT	ATGGACCGTG	ATACTT	TTAT	TTATTAACTC	ACAGGGGCGC		
55	116221	TTACCGCCAC	AGGAATACCA	GAATAATGAC	CACCAC	AATC	GCGACCACCC	CAAATACAGC		
	116281	ATGGCGCCAC	ACCACGCCAC	AACAGCCCTG	TCGCCG	GTAT	GGGGCATGAT	CAGACGAGCC		
	116341	GCGCGCCGCG	CGTTGGGCCC	TGTACAGCTC	GCGCGA	ATTG	ACCCTAGGAG	GCCGCCACGC		
	116401	GCCCCGAGTTT	TGCGTTCGTC	GCTGGTCGTC	GGGCGC	CAAA	GCCCCGGACG	GCTGTTCCGT		
	116461	CGAACGAACG	GCCACGACAG	TGGCATAGGT	TGGGGG	GTGG	TCCGACATAG	CCTCGGCGTA		

	116521	CGTCGGGAGG	CCCGACAAGA	GGTCCCTTGT	GATGTCGGGT	GGGGCCACAA	GCCTGGTTTC
	116581	CGGAAGAAAC	AGGGGGGTTG	CCAATAACCC	GCCAGGGCCA	AAACTCCGGC	GCTGCGCACG
	116641	TCGTTCCGCG	CGGCGCCGGG	CGCGCCGAGC	GGCTCGCTGG	GCGGCTTGGC	GTGAGCGGCC
5	116701	CCGCTCCGAC	GCCTCGCCCT	CTCCGGAGGA	GGTTGGCGGA	ATTGGCACGG	ACAACAGGGG
	116761	CCCAGCAGAG	TACGGTGGAG	GTGGGTCCGT	GGGGGTGTCC	AGATCAATAA	CGACAAACGG
	116821	CCCCTCGTTC	CTACCAGACA	AGCTATCGTA	GGGGGGCGGG	GGATCAGCAA	ACGCGTTCCC
	116881	CGCGCTCCAT	AAACCCGCGT	CGGGTTGCGC	CGCCTCCGAA	GCCATTGGATG	CGCCCCAAAG
	116941	CCACGACTCC	CGCGCGCTAG	GTCCCTGGGG	TAATGGAAAA	GGCCCTACTC	CCCATCCAAAG
10	117001	CCAGCCAAGT	TAACGGGCTA	CGCCTTCGGG	AATGGGACTG	GCACCCCGGC	GGATTTTGT
	117061	GGGCTGGCAT	GCGTCGCCCA	ACCGAGGGCC	GCGTCCACGG	GACGCGCCTT	TTATAACCCC
	117121	GGGGGTCATT	CCCAACGATC	ACATGCAATC	TAAGTGGCTC	CCCTCTCCCC	CCCTCTCCCC
	117181	TCTCCCCCCC	TCTCCCCCTC	CCCCCCTCT	CCCCTCTCCC	CCCCCTCTCC	CTCTCCCCCC
	117241	CTCTCCCCCT	TCCCCCCTC	TCCCCCTCT	CCCCCTCTCC	CCTCTCCCCC	CCTCTCCCCC
	117301	CTCCCCCCCC	CTCCCCCTCT	CCCCCCTCT	CCCTCTCCCC	TCTGCTCTTT	CCCCGTGACA
15	117361	CCCGACGCTG	GGGGCGTGCG	TGCCGGGAGG	GGCCGCGGAT	GGGCGGGCCT	ACTTGGTTTC
	117421	CCGCCCCCCC	CCCCCCCCC	CGAACCGCCC	CGCCGGCTTT	GCCCCCTTT	GATCCCTTGC
	117481	TACCCCAAC	CCGTGCTGGT	GGTGCGGGT	GGGGGGGGAT	GTGGGCGGGG	GTGCGCGGGA
	117541	GGTGTGCGTG	GTGGTGGTGG	TGGTGGTAGT	AGGAATGGTG	GTGAGGGGGG	GGGGGCGCTG
20	117601	GTTGGTCAAA	AAAGGGAGGG	ACGGGGGCCG	GCAGACCGAC	GGCGACAACG	CTCCCCGGCG
	117661	GCCGGGTGCG	GGCTCTTACG	AGCGGCCCGG	CCCGCGCTCC	CACCCCCCGG	GCCGTGTCTT
	117721	TGCTTTCCCC	CCGTCTCCCC	CCCCCCCCG	TTCTCTCTCT	CCTCTCTCTT	TTTCCAAACC
	117781	CCGCCACCC	GGCCCCGGCC	GGCCCCGGCC	GGCCCCGGCA	CCGCCGCCCA	CCCACCCACC
	117841	TCGGGATACC	CAGCCCCGGT	CCCCCGTTCC	CCGGGGGCGG	TTATCTCCAG	CGCCCCGTCC
25	117901	GGCGCGCCGC	CCCCCGCCGC	TAAACCCCAT	CCCGCCCCCG	GGACCCCA	TATAAGCCCC
	117961	CAGCCACACG	CAAGAACAGA	CACGAGAAC	GGCTGTGTTT	ATTTAAATAA	ACCAATGTCTG
	118021	GAATAAACAA	ACACAAACAC	CCGCGACGGG	GGGACGAGGG	GGACGGAGGG	AGGGGGTGAC
	118081	GGGGGACGGG	AACAGACACA	AAAAACAACA	CAAAAAACAA	CCACCCACCG	ACACCCCCAC
	118141	CCCAGTCTCC	TCGCCTTCTC	CCACCCACCC	CACGCCCCCA	CTGAGCCCGG	TCGATCGACG
30	118201	AGCACCCCCG	CCCACGCCCC	CGCCCTTGCC	CCGGCGACCC	CCGGCCCCGA	CGATCCCGAC
	118261	AACATAACA	ACCCCAACGG	AAAGCGGCGG	GGTGTGGGGG	GAGGCGAGGA	ACAACCGAGG
	118321	GGAACGGGGG	ATGGAAGGAC	GGGAAGTGGA	AGTCCTGATA	CCCATCCTAC	ACCCCCCTGC
	118381	CTTCCACCCT	CCGGCCCCCC	GCGAGTCCAC	CCGCCGGCCG	GCTACCGAGA	CCGAACACGG
	118441	CGGCCGCGCG	AGCCGCCGCA	GCCGCCGCCG	ACACCGCAGA	GCCGGCGCGC	GCACTCACAA
35	118501	CGCGCAGAGG	CAGAAAGGCC	CAGAGTCATT	GTTTATGTGG	CCCGGGGCGG	CGAGACGACC
	118561	CGCGACACCC	CCCCCCCCCG	CGTGTGGGTA	TCCGGCCCCC	CGCCCCGCGC	CGGTCCATTA
	118621	AGGGCGCGCG	TGCCCGCGAG	ATATCAATCC	GTTAAGTGCT	CTGCAGACAG	GGGCACCGCG
	118681	CCCGGAAATC	CATTAGGCCG	CAGACGAGGA	AAATAAAATT	ACATCACCTA	CCCACGTGGT
	118741	GCTGTGGCCT	GTTTTTGTCT	CGTCATCTCA	GCCTTTATAA	AAGCGGGGGC	GCGGCCGTGC
40	118801	CGATCGCGGG	TGGTGCAGAA	GACTTTCCGG	GCGCGTCCGG	GTGCCGCGGC	TCTCCGGGCC
	118861	CCCCTGCAGC	CGGGGCGGCC	AAGGGGCGTC	GGCGACATCC	TCCCCCTAAG	CGCCGGCCCG
	118921	CCGCTGGTCT	GTTTTTTTCT	TTTCCCCGTT	TCGGGGGTGG	TGGGGGTGTC	GGTTTCTGTT
	118981	TCTTTAACC	GTCTGGGGTG	TTTTTCGTT	CGTCGCCGGA	ATGTTTCGTT	CGTCTGTCCC
45	119041	CTCACGGGGC	GAAGGCCGCG	TACGGCCCGG	GACGAGGGGC	CCCCGACCGC	GGCGGTCCCG
	119101	GCCCCGTCCG	GACCCGCTCG	CCGGCACGCG	ACGCGAAAAA	GGCCCCCCCG	AGGCTTTTTCC
	119161	GGGTTCCCGG	CCCGGGGCCCT	GAGATGAACA	CTCGGGGTTA	CCGCCAACGG	CCGGCCCCCG
	119221	TGGCGGCCCC	GCCCCGGGCC	CCGGCGGACC	CAAGGGGCCC	CGGCCCGGGG	CCCCACAACG
	119281	GCCCGGCGCA	TGCGCTGTGG	TTTTTTTCTT	CTCGGTGTTT	TGCCGGGCTC	CATCGCCTTT
	119341	CTGTTCTCTG	CTTCTCCCCC	CCCCCTTCTT	CACCCCCAGT	ACCCTCCTCC	CTCCCTTCTT
50	119401	CCCCCGTTAT	CCCACTCGTC	GAGGGCGCCC	CGGTGTCTGT	CAACAAAGAC	GCCGCGTTTC
	119461	CAGGTAGGTT	AGACACCTCG	TTCTCCCCAA	TAGAGGGGGG	GGACCCAAAC	GACAGGGGGG
	119521	GCCCGAGAGG	CTAAGGTCCG	CCACGCCACT	CGCGGGTGGG	CTCGTGTAC	AGCACACCAG
	119581	CCCGTTCTTT	TCCCCCCTCT	CCACCTTAGT	TCAGACTCTG	TTACTTACCC	GTCCGACCAC
	119641	CAACTGCCCC	CTTATCTAAG	GGCCGGCTGG	AAGACCGCCA	GGGGGTGCGC	CGGTGTGCT
55	119701	GTAACCCCCC	ACGCCAATGA	CCCACGTACT	CCAAGAAGGC	ATGTGTCCCA	CCCCGCTGT
	119761	GTTTTTGTGC	CTGGCTCTCT	ATGCTTGGGT	CTTACTGCCT	GGGGGGGGGG	AGTGGGGGGG
	119821	AGGGGGGGTG	TGGAAGGAAA	TGCACGGCGC	GTGTGTACCC	CCCCTAAAGT	TGTTCCCTAAA
	119881	GCGAGGATAC	GGAGGAGTGG	CGGGTGCCGG	GGGACCGGGG	TGATCTCTGG	CACGCGGGGG
	119941	TGGGAAGGGT	CGGGGGAGGG	GGGGATGGAG	TACCGGCCCA	CCTGGCCCGG	CGGGTGCGCG
	120001	TGCCTTTGCA	CACCAACCCC	ACGTCCCCCG	GCGGTCTCTA	AGAAGCACCG	CCCCCCTTCC

	120061	TTCATACCAC	CGAGCATGCC	TGGGTGTGGG	TTGGTAACCA	ACACGCCCAT	CCCCTCGTCT
	120121	CCTGTGATTC	TCTGGCTGCA	CCGCATTCTT	GTTTTCTAAC	TATGTTCTCTG	TTTCTGTCTC
	120181	CCCCCCCCC	ACCCCTCCGC	CCCACCCCC	AACACCCACG	TCTGTGGTGT	GGCCGACCC
5	120241	CTTTTGGGCG	CCCGTCCCG	CCCGCCACC	CCTCCCATCC	TTTGTTGCC	TATAGTGTAG
	120301	TTAACCCCC	CCGCCCTTTG	TGGCGGCCAG	AGGCCAGGTC	AGTCCGGGCG	GGCAGGCGCT
	120361	CGCGGAAACT	TAACACCCAC	ACCCAACCCA	CTGTGGTTCT	GGCTCCATGC	CAGTGGCAGG
	120421	ATGCTTTTCG	GGATCGGTGG	TCAGGCAGCC	CGGGCCGCGG	CTCTGTGGTT	AACACCAGAG
	120481	CCTGCCCAAC	ATGGCACCCC	CACTCCCACG	CACCCCACT	CCCACGCACC	CCCATCTCCA
10	120541	CGCACCCCCA	CTCCACGCA	CCCCCACTCC	CACGCACCCC	CACTCCCACG	CACCCCACT
	120601	CCCACGCACC	CCCACTCCA	CGCACCCCCA	CTCCACGCA	TCCCCGCGAT	ACATCCAACA
	120661	CAGACAGGGA	AAAGATACAA	AAGTAAACCT	TTATTTCCCA	ACAGACAGCA	AAAATCCCT
	120721	GAGTTTTTTT	TTATTAGGGC	CAACACAAAA	GACCCGCTGG	TGTGTGGTGC	CCGTGTCTTT
	120781	CACTTTTCCC	CTCCCCGACA	CGGATTGGCT	GGTGTAGTGG	GCGCGGCCAG	AGACCACCCA
15	120841	GCGCCCGACC	CCCCCTCCC	CACAAACACG	GGGGGCGTCC	CTTATTGTTT	TCCCTCGTCC
	120901	CGGGTCGACG	CCCCCTGCTC	CCCGGACCAC	GGGTGCCGAG	ACCGCAGGCT	GCGGAAGTCC
	120961	AGGGCGCCCA	CTAGGGTGCC	CTGCTCGAAC	AGCATGTTCC	CCACGGGGGT	CATCCAGAGG
	121021	CTGTTCCACT	CCGACGCGGG	GGCCGTCCGG	TACTCGGGGG	GCATCACGTG	GTTACCCGCG
	121081	GTCTCGGGGA	GCAGGGTGCG	GCGGCTCCAG	CCGGGGACCG	CGGCCCGCAG	CCGGGTCGCC
20	121141	ATGTTTCCCG	TCTGGTCCAC	CAGGACCACG	TACGCCCGGA	TGTTCCCGT	CTCCATGTCC
	121201	AGGATGGGCA	GGCAGTCCCC	CGTGATAGTC	TTGTTACAGT	AAGGCGACAG	GGCGACCACG
	121261	CTAGAGACCC	CCGAGATGGG	CAGGTAGCGC	GTGAGGCCGC	CCGCGGGGAC	GGCCCCGGA
	121321	GTCTCCGCGT	GGCGCGTCTT	CCGGGCACAC	TTCTCTGGCC	CCCGCGGCC	AGAAGCAGCG
	121381	CGGGGGCCGA	GGGAGGTTTC	CTCTTGTTCTC	CCTCCAGGG	CACCGACGGC	CCCGCCCAG
25	121441	GAGGCGGAAG	CGGAGGAGGA	CGCGGCCCGG	GCGGCGGAAG	AGGCGGCCCC	CGCGGGGGTC
	121501	GGGGCCGAGG	AGGAAGAGGC	AGAGAGGAA	GAGGCGGAGG	CCGCCGAGGA	CGTCAGGGGG
	121561	GTCCCGGGCC	CACCTTGGCC	CGCCCCCCCC	GGCCCTGAGT	CGGAGGGGGG	GTGCGTCCGC
	121621	GCCCTCTTGG	CCCCTGCCGG	CGCGAGGGGG	GGACGCGTGG	ACTGGGGGGA	GGGGTTTICC
	121681	TGGCCCGACC	CGCGCTCTT	CCTCGGACGC	ACCGCCGCCT	CCTGCTCGAC	AGAGGCGGCG
30	121741	GAGGGGAGCG	GGGCGGCGCC	GGAGGGGGCG	GCGCCGCGGG	AGGGCCCGTG	CCCACCTICC
	121801	ACGCCCGGCC	CCCCCGAGCC	GCGCGCCACC	GTGCGACGCG	CCCGGCACAG	ACTCTGTICT
	121861	TGGTTCGCGG	CCTGAGCCAG	GGACGAGTGC	GACTGGGGCA	CACGGCGCGC	GTCCGCGGGG
	121921	CGGGCGGCGG	GCTCCGCCCC	GGGGGCCGGG	GCGCGGGGGC	CGGGCCCCGG	AGGCGGCGCT
	121981	CGCACGCACG	GGGCCACGGC	CGCGCGGGGG	GCGCGGGGTC	CCGACGCGGC	CGCGGACGCG
35	122041	GGGGGCCCGG	GGCGGGGGGC	GGAGCCTGGC	ATGGGCGCCG	CGGGGGCCCT	GTGGGGAGAG
	122101	GCCGGGGGGG	AGTCGCTGAT	CACTATGGGG	TCTCTGTTGT	TTGCAAGGGG	GGCGGGTCTG
	122161	TTGACAAGGG	GGCCCGTCCG	GCCCTCGGC	CGCCCCGCCT	CCGCTTCAAC	AACCCCAACC
	122221	CCAACCCCAA	CCCCCCCGGA	GGGGCCAGAC	GCCCCCGCG	GCGCCGCGGC	TCGCGACTGG
	122281	CGGGAGCCGC	CGCCGCCGCT	GCTGTTGGTG	GTGGTGTGG	TGTTACTGCT	GCCGTGTGGC
40	122341	CCGATGGGCG	CCGAGGGGGG	CGCTGTCCGA	GCCGCGGCCG	GCTGGGGGGC	TGCGTGAGAC
	122401	GCCCCGCCCG	TCACGGGGGG	CGCGGCGGGC	CCTCTGCGTG	GGGGGGCGCG	GGGCGTCCGG
	122461	CGGGGGGCGG	GCGGTACGTA	GTCTGCTGCA	AGAGACAACG	GGGGGCGCGA	TCAGGTTACG
	122521	CCCCCTCCCC	GGCCCGCCCT	TTCTCTCGCC	GCCCGCCTAT	TCCTCCCTCC	CCCCCCCICC
	122581	TCCTCCTCCT	CCCCAGGGT	CCTTGCCGCC	CCCCGCCTCA	CCGCTCGTCA	GGTCGTCTCT
45	122641	ATCCTCGTCC	GTGGTGGGCT	CCGGGTGGGT	GGGCGACAGG	GCCCTCACCG	TGTGCCCCCC
	122701	CAGGGTCAGG	TACCGCGGGG	CGAACCCTG	ATTGCCCGTC	CAGATAAAGT	CCACGGCCGT
	122761	GCCCGCCCTG	ACGGCCTCCT	CGGCCTCCAT	GCGGGTCTGG	GGGTCTGTTCA	CGATCGGGAT
	122821	GGTGCTGAAC	GACCCGCTGG	GCGTCACGCC	CACTATCAGG	TACACCAGCT	TGGCGTTGCA
	122881	CAGCGGGCAG	GTGTTGCGCA	ATTGCATCCA	GGTTTTCATG	CACGGGATGC	AGAAGCGGTG
50	122941	CATGCACGGG	AAGGTGTGCG	AGCGCAGGTG	GGGCGCGATC	TCATCCGTGC	ACACGGCCGA
	123001	CACGTCGCCC	TCGTGCTTCC	CCCCGTCTTC	TCGAGGGGGG	GCGCCCCCGC	AACTGCCGGG
	123061	GTCTTCTCTC	CGGGGGGGGG	TCCCCCCCCG	GACCCGCCCC	CCATCCACGC	CCTGCGGCC
	123121	CAGCAGCCCC	GTCTCGAACA	GTTCCGTGTC	CGTGCTGTCC	GCCTCGGAGG	CCGAGTCTCT
	123181	GTCATGGTGG	TCGGCGTCCC	CCCCCCCCCC	CACTTCGGTC	TCCGCTCAG	AGTCGCTGCT
55	123241	GTCCGGCAGG	TCTCGGTGCG	AGGGAAACAC	CCAGACATCC	GGGGCGGGCT	AAGGGGAAA
	123301	AAGGGGGGCG	GGTAAGAATG	GGGGGGGATT	TCCCGCGTCA	ATCAGCACCC	ACGAGTTCCC
	123361	CCTCTCCCCC	CCCCGCCTCA	CAAAGTCCTG	CCCCCTGCT	GGCCTCGGAA	GAGGGGGGAG
	123421	AAAGGGGTCT	GCAACCAAAG	GTGGTCTGGG	TCCGTCTTT	GGATCCCGAC	CCCTCTCTTT
	123481	CCCTCTTCTC	CCGCCCTCCA	GACGCACCGG	AGTCGGGGGT	CCCACGGCGT	CCCCCAAATA
	123541	TGGCGGGCGG	CTCCTCCCCA	CCCCCTAGA	TGCGTGTGAG	TAAGGGGGGC	CTGCGTATGA

	123601	GTCAGTGGGG	ACCACGCCCC	CAACACGGCG	ACCCCGGTCC	TTGTGTGTTT	GTTGTGGGGG
	123661	CGTGTCTCTG	TGTATGAGTC	AGGGGGTCCC	ACGGCGACCC	CGGGCCCTGC	GTCTGAGTCA
	123721	AAGGGGCCAT	GTGTATGTGT	TGGGGGTCTG	TATATATAAA	GTCAGGGGGT	CACATGGCGA
5	123781	CCCCAACAG	GGCGACCCCG	GTCCCTGTAT	ATATAGGGTC	AGGGGGTTCC	GCACCCCTTA
	123841	ACATGGCGCC	CCCGGTCCCT	GTATATATAG	TGTCACGGGG	TTCCACGCCC	CCTAACATGG
	123901	CGCCCCAACA	TGGCGCCCCG	CTCCCGTGTA	TGAGTGGGGG	TCCCCCAACA	TGGCGGCCGG
	123961	TTCCAGTGTA	AGGGTCGGGG	GTCCCCCAAC	ATGGCGCCCC	CCAATATGGC	GCCCCCAAT
	124021	ATGGCGCCCC	AGACATGGCG	CCCGGCCCTT	CACCTCGCGC	TGGGGGCGGC	CCTCAGGCCG
	124081	GCGGGTACTC	GCTCCGGGGC	GGGGCTCCAT	GGGGGTCGTA	TGCGGCTGGA	GGGTGCGCGA
10	124141	CGGAGGGTCC	CTGGGGGTCTG	CAACGTAGGC	GGGGCTTCTG	TGGTGATGCG	GAGAGGGGGC
	124201	GGCCCGAGTC	TGCCTGGCTG	CTGCGTCTCG	CTCCGAGTGC	CGAGGTGCAA	ATGCGACCAG
	124261	ACTGTCGGGC	CAGGGCTAAC	TTATACCCCA	CGCCTTTCCC	CTCCCCAAAG	GGGCGGCAGT
	124321	GACGATTCCC	CCAATGGCCG	CGCGTCCCAG	GGGAGGCAGG	CCCACCGCGG	GGCGGCCCCG
	124381	TCCCCGGGGA	CCAACCCGGG	GCCCCCAAAG	AATATCATT	GCATGCACGG	CCCGGCCCCC
15	124441	GATTTGGGGG	CCCAACCCGG	TGTCCCCCAA	AGAACCCCAT	TAGCATGCCC	CTCCCGCCGA
	124501	CGCAACAGGG	GCTTGGCCTG	CGTCGGTGCC	CCGGGGCTTC	CCGCCTTCCC	GAAGAAACTC
	124561	ATTACCATA	CCGGAACCCC	AGGGGACCAA	TGCGGGTTCA	TTGAGCGACC	CGCGGGCCAA
	124621	TGCGCGAGGG	GCCGTGTGTT	CCGCCAAAAA	AGCAATTAGC	ATAACCCGGA	ACCCAGGGGG
	124681	AGTGGTTACG	CGCGGCGCGG	GAGGCGGGGA	ATACCGGGGT	TGCCCATTAA	GGGCCGCGGG
20	124741	AATTGCCGGA	AGCGGGAAGG	GCGGCCGGGG	CCGCCCATTA	ATGAGTTTCT	AATTACCATA
	124801	CCGGGAAGCG	GAACAAGGCC	TCTTGCAAGT	TTTTAATTAC	CATACCGGGA	AGTGGGCGGC
	124861	CCGGCCCAT	GGGCGGTAAC	TCCCGCCCAA	TGGGCGGGGC	CCCGAAGACT	CGGCGGACGC
	124921	TGTTTGGCCG	GGCCCCGCGG	CGCTGGCGGC	CGCCGATTGG	CCAGTCCCGC	CCCCGAGGCG
	124981	GCCCCCCTG	TGAGGGCCGG	CTGGCTCCAA	GCGTATATAT	GCGCGGCTCC	TGCCATCGTC
25	125041	TCTCCGAGA	GCGGCTTGGT	GCGGAGCTCC	CGGGAGCTCC	GCGGAAGACC	CAGGCCGCCT
	125101	CGGGTGTAAC	GTTAGACCGA	GTTGCGCGGG	CCGGCTCCGC	GGGCCAGGGC	CCGGGCACGG
	125161	GCTTCGGGCC	CCAGGCACGG	CCCGATGACC	GCCTCGGCCT	CCGCCACCCG	GCGCCGGAAC
	125221	CGAGCCCGGT	CGGCCCGCTC	GCGGGCCAC	GAGCCGCGGC	GCGCCAGGCG	GGCGGCCGAG
	125281	GCCCAGACCA	CCAGGTGGCG	CACCCGACG	TGGGGCGAGA	AGCGCACCCG	CGCGGGGGTC
30	125341	GCGGGGGTCG	CGGGGGTTCG	GGGGGTTCG	GGGGTTCGCG	GGGGCTCCGG	CGCCCCCTCC
	125401	CCGCCCGCGC	GTGCGAGGCG	CAGGCGCGCC	AGGTGCTCCG	CGGTGACGCG	CAGGCGGAGG
	125461	GCGAGGCGCG	GCGGAAGGCG	GAAGGGGCGC	GAGGGGGGGT	GGGAGGGGTC	AGCCCCGCCC
	125521	CCCGGGCCCA	CGCCGGGCGG	TGGGGGCGGG	CGCCGGGGGG	CGCCGGGGTC	CGCCGGGGCC
	125581	TCTGGCGCCG	GCTCGGGCGG	GGGGCTGTCC	GGCCAGTCGT	CGTCATCGTC	GTCGTGCGAC
35	125641	GCGGACTCGG	GAACGTGGAG	CCACTGGCGC	AGCAGCAGCG	AACAAGAAGG	CGGGGGCCCA
	125701	CCGGCGGGGG	GCGGCGGCGG	GGCGGCCGCG	GGCGCGCTCC	TGACCGCGGG	TTCCGAGTTG
	125761	GGCGTGGAGG	TTACCTGGGA	CTGTGCGGTT	GGGACGGCGC	CCGTGGGCCC	GGGCGGCCGG
	125821	GGGCGGCGGG	GGCCGCGATG	GCGGCGGCGG	CGGGCCATGG	AGACAGAGAG	CGTGCCGGGG
	125881	TGGTAGAGTT	TGACAGGCAA	GCATGTGCGT	GCAGAGGCGA	GTAGTGCTTG	CCTGTCTAAC
40	125941	TCGCTAGTCT	CGGCCGCGGG	GGGCCCGGGC	TGCCCCGCGC	CACCGCTTTA	AAGGGCCGCG
	126001	CGCGACCCCC	GGGGGGTGTG	TTTTGGGGGG	GGCCCGTTTT	CGGCGTCTGG	CCGCTCCTCC
	126061	CCCCGCTCCT	CCCCCGGCTC	CTCCCCCGGC	TCCTCCCCCC	GCTCCTCCCC	CCGTCCTTCC
	126121	CCCCGCTCCT	CCCCCGGCTC	CTCCCCCGGC	TCCTCCCCCC	GCTCCTCCCC	CCGTCCTTCC
45	126181	CCCCGCTCCT	CCCCCGGCTC	CTCCCCCGGC	TCCTCCCCCC	GCTCCTCCCC	CCGTCCTTCC
	126241	CCCCGCTCCT	CCCCCGGCTC	CTCCCCCGGC	TCCTCCCCCC	GCTCCTCCCC	CCGTCCTTCC
	126301	GCGCGCGCAC	GCCGCCCGGA	CCGCCGCCCG	CCTTTTTTTC	GCGCGCGCGC	GCCCGCGGGG
	126361	GGCCCGGGCT	GCCACAGGTG	AAACCAACAG	AGCACGGCGC	ACTCCGCACG	TCACACGTCA
	126421	CGTCATCCAC	CACACCTGCC	CAACAACACA	ACTCACAGCG	ACAACTCACC	GCGCAACAAC
	126481	TCCTGTTTCT	CATCCACACG	TCACCGCGCA	CCTCCCGCTC	CTCCAGACGT	ACCCCGGCGC
50	126541	AACACACCGC	TCCTGCTACA	CACCAACGCG	CCCTCCCCAG	CCCCAGCCCT	CCCCAGCCCC
	126601	AGCCCTCCCC	GGCCCCAGCC	CTCCCCGGCC	CAGCCCTTCC	CCGGCCCCAG	CCCTCCCCCG
	126661	CCCCAGCCCT	CCCCGGCCCC	AGCCCTCCCC	GGCCCCAGCC	CTCCCCGGCG	CGTCCCGCGC
	126721	TCCCTCGGGG	GGGTTCGGGC	ATCTCTACCT	CAGTGCCGCC	AATCTCAGGT	CAGAGATCCA
	126781	AACCTTCCGG	GGGCGCCCGC	GCACCACCAC	CGCCCTTCGC	CCCTTCCCGC	CCCTCGCCCC
55	126841	CTCCCGCCCC	TCGCCCCCTC	CCGCCCTTCG	CCCCCTCCCG	CCCTTCGCCC	CCCTCCGCCC
	126901	CTCGCCCCCT	CCCGCCCCCT	GCCCCCTCCC	GCCCCCTCGC	CCCTTCGCCC	CCCTCGCCCC
	126961	TCCCGCCCCCT	CGCCCCCTCC	CGCCCCCTCG	CCCCCTCCCG	CCCTTCGCCC	CCCTCGCCCC
	127021	TCGCCCCCTC	CCGCCCTTCG	CCCCCTCCCG	CCCCCTCGCC	CCCTTCGCCC	CCCTCGCCCC
	127081	CCCGCCCCCT	GCCCCCTCCC	GCCCCCTCGC	CCCTTCGCCC	CCCTTCGCCC	CCCTCGCCCC

	127141	CGAATAAACA	ACGCTACTGC	AAAACCTTAAT	CAGGTTGTTG	CCGTTTATTG	CGTCTTCGGG
	127201	TCTACAAGC	GCCCCGCCCC	GTCCCGGCCC	GTTACAGCAC	CCCGTCCCCC	TCCAACGCGC
	127261	CGCCGTCTGC	TTCGTCCAG	GCGCCTTCCC	AGTCCACAAC	TTCCTCCCGC	GGGGGCGTGG
5	127321	CCAAGCCCGC	CTCCGCCCCC	AGCACCTCCA	CGGCCCCCGC	CGCCGCCAGC	ACGGTGCCGC
	127381	TGCGGCCCGT	GGCCGAGGCC	CAGCGAATCC	CGGGCGGCGC	CGGCGGCAGG	GCCCCCGGGC
	127441	CGTCGTCTGC	GCCGCGCAGC	ACCAGCGGGG	GGGCGTCGTC	GTCGGGCTCC	AGCAGGGCGC
	127501	GGGCGCAAAA	GTCCCTCCGC	GGCCCGCGCC	ACCGGGCCGG	GCCGGCGCGC	ACCGCCTCGC
	127561	GCCCCAGCGC	CACGTACACG	GGCCGCAGCG	GCGCGCCAG	GCCCCAGCGC	GCGCAGGCGG
	127621	CGTGCGAGTG	GGCTCTCTCC	TCGCAGAAGT	CCGGCGCGCC	GGGCGCCATG	GCGTCGGTGG
10	127681	TCCCCGAGGC	CGCCGCCCCG	CCGTCCAGCG	CCGGCAGCAC	GGCCCGGCGG	TACTCGCGCG
	127741	GGGACATGGG	CACCGGCGTG	TCCGGGCCGA	AGCGCGTGCG	CACGCGGTAG	CGCACGTTGC
	127801	CGCCGCGGCA	CAGGCGCAGC	GGCGGCGCGT	CGGGGTACAG	GCGCGCGTGC	GCGGCCTCCA
	127861	GCGCGCGCAA	GACCCCCGGG	CCGAACACGC	GGCCCGAGGC	CAGCACCGTG	CGGCGCAGGT
	127921	CCCGCGCCGC	CGGCCAGCGC	ACGGCGCACT	GCACGGCGGG	CAGCAGCTCG	CACGCCAGGT
15	127981	AGGCGTGCTG	CCGCGACACC	GCGGGCCCGT	CGGCGGGCCA	GTCGAGGCG	CGCACGGTGT
	128041	TGACCACGAT	GAGCCGCCGG	TCGCGGCGCC	TGGCGAGCAG	CCCCAGAAAC	TCCACGGCCC
	128101	CGGCGAAGGC	CAGGTCCCGC	GTGGACAGCA	GCAGCACGCC	CTGTGCGCCC	AGCGCCGACA
	128161	CGTCGGGGGG	GCCGGTCCAA	TTGCCCGCCC	AGGCGGCCGT	GTCCGGCCCC	CACAGCCGGT
	128221	TGGCCAGGGC	CGCCAGCAGG	CAGGACAGCC	CGCCGCGCTC	GGCGGACCAC	TCCGGCGGCC
20	128281	CCCCCGAGGC	CCCGCCGCCG	GCCAGGTCC	CGCCCGGCAG	CGGCGAGTAC	AGCACCACCA
	128341	CGCGCACGTC	CTCGGGGTCT	GGGATCTGGC	GCATCCAGGC	CGCCATGCGG	CGCAGCGGGC
	128401	CCGAGGCGCG	CAGGGGGCCA	AAGAGGCGGC	CCCCGGCGGC	CCCGTGGGGG	TGGGGGTTAT
	128461	CGTCGTCTGC	GCCGCCGCCG	CACGCGGCCT	GGGCGGCGGG	GGCGGGCCCC	GCGCACCGCG
	128521	CGGCGATCGA	GGCCAGGGCC	CGCGGGTCAA	ACATGAGGGC	CGGTGCGCAG	CGGACGGGGA
25	128581	ACAGCGGGTG	GTCCGTGAGC	TCGGGACACG	CGCGCGGGGA	GCAGTAGGCC	TCCAGGGCGG
	128641	CGGCCGCGGG	CGCCGCCGTG	TGGCTGGGCC	CCGGGGGCTG	CCGCCGCCAG	CCGCCAGGGG
	128701	GGTCGGGGCC	CTCGGCGGGC	CGGCGCGACA	CGGCCACGGG	GCGCGGGCGG	GCCGCGGCCG
	128761	CGGCGGCCCC	GGGCGCCCGG	GGCTGGGCGG	GGGCGGGCTC	GGGCCCCGGG	GGCGTGGAGG
	128821	GGGGCGCGGG	CGCGGGGAGG	GGGGCGCGGG	CGTCCGAGCC	GGGGGCGTCC	GCGCCGCTCT
30	128881	TCTTCGTCTT	CGGGGGTCTG	GGGCCGCCCG	CTCCGGGCGG	CCGGGCCGGG	CCGGGACTCT
	128941	TGCGCTTGCG	CCCTTCCCGC	GGCGCGGCGG	AGGCGGCGGC	GGCCGCCAGC	GCGTCGGCGG
	129001	CGTCCGGTGC	GCTGGCCCGC	GCCGCCAGCA	GGGGGCGCAG	GCTCTGGTTG	TCAAACAGCA
	129061	GGTCCGCGGC	GGCGGCGGCC	GCGGAGCTCG	GCAGGCGCGG	GTCCCGCGGC	AGCGCGGGGC
	129121	CCAGGGCCCC	GGCGACACAG	CTCAGGCGCG	GCACGGCGGC	CACGGCGGCC	TCGTGCGCGC
35	129181	CGGCCACGCG	CAGGTCCCCG	CGCAGGCGCA	TGAGCACCAG	CGCGTCGCGC	ACGAACCGCA
	129241	GCTCGCGCAG	CCACGCGCGC	AGGCGGGGCG	CGTCGGCGTG	CGGCGGCGGC	GGGGAAGCGG
	129301	GGCCCGCGGG	TCCCTCCGGC	CGCGGGGGGC	TGGCGGGCCG	GGCCCCGGCC	AGCCCCGGGA
	129361	CGGCCGCCAG	GTCGCCGTCG	AAGCCCTCGG	CCAGCGCCTC	CAGGATCCCC	CGGCAGGCGG
	129421	CCAGGCACTC	GACGGCCACG	CGGCCGGCCT	GGGCGCGGCG	CCCGGCGTCT	TCGTGCGCGT
40	129481	CGGCGTGGCG	GGCGGCGTCG	GGGTCGTCTG	CCCCCGCGGG	GGAGGCGGGC	GCGGCGGACA
	129541	GCCGCCCCAG	GGCGGCGAGG	ATCCCCGCGG	CGCCGTACCC	GGCGGGCACC	GCGCGCTCTG
	129601	CCGGTGCGGC	GGCGGCGACG	GCGGCGACCC	CCTCGTCATC	TGCGCCGCGC	CCGGGGTCTC
	129661	CCGCGGCCCC	CGTCAGCGCC	CGCTTCTCTG	GCGCCAACAG	GGGCGCGTAG	GCGCGGCGCA
	129721	GGCTGGTCAG	CAGGAAGCCC	TTCTGCGCGC	GGTCGTATCG	GCGGCTCATG	GCCACGGCGG
45	129781	CCGCCGCGTG	CGCCAGGCCC	CAGCCGAAGC	GGCCGGCCGC	CATGGCGTAG	CCCAGGTGGG
	129841	GCACGGCCCC	CGCCACGCTG	CCGGTGATGA	AGGAGCTGCT	GTGCGCGCGG	GCGCCCGAGA
	129901	TCCGGAAGCA	GGCCTGGTCC	AGCGCCACGT	CCCCGGGGAC	CACGCGCGGG	TTCTGGAGCC
	129961	ACCCCATGGC	CTCCGCGTCC	GGGGTGTACA	GCAGCCGCGT	GATCAGGGCG	TACTGCTGCG
	130021	CGGCGTCGCC	CAGCTCGGGC	GCCCACACGG	CCGCCGGGGC	GCCCAGGGCC	TGAACCGGC
50	130081	GTGCGCCCTC	CTCCGCTCTG	GGCGCCCCCC	AGAGGCCCCG	GCGGCTGTCT	CCAGGCCGCG
	130141	CGTACAGCAC	CCGCCCCGGG	GCGGGGGGCC	CGGCGCCGGG	CCACGGCTCC	CCGCTGACGT
	130201	ACCCGTCGCG	ATAGCGCGCG	TAGAAGGCGC	CGGAGGTCGC	GTCGGCGTCC	AGCTCGACCC
	130261	GCCGGGGCTG	CCCGGCCGTG	AAGCGGCCCG	TGGCGTCTCG	GCCGGCCACC	GCCGCGCGGG
	130321	CCCGGCGGCG	CTCGATGCGG	CCCGCGGAGG	CCGCGGGGGT	CCTCGCCGCC	GCCCGGGGCT
55	130381	TGGGCGCGGC	CTCGGAGAGG	GGGGGTGGCC	CGGGCGGGGG	CGGCGTCCGC	CCGGGGGCTG
	130441	CCGGCGCCGC	GCTCGACGGA	CCCCGCCCCA	CGGCCCGCGC	CTCGCGTGCG	TGGTGGGCCG
	130501	CGTCGTTGCC	GTCGTCTGTC	TCGTCTCTCT	CGGACGACGA	GGACGAAGAG	GATGCGGACG
	130561	ACGAGGACGA	GGACCCGGAG	TCCGACGAGG	TCGATGACGC	CGATGGCCGC	CACCGGCCGT
	130621	GACGACGTCT	CCGCGGCGGC	TGGGCCGGCG	GGCGCGGCGA	CAGGCGGTCC	GTGGGGTCCG

	130681	GATACGCGCC	GCGTAGCGGG	GCCTCCCGTT	CGCGGCCCCG	GGCCGGGGCC	CGGTGCGCCG
	130741	CGGCGTCGGC	TGCGTCGTCG	TACTCGTCCC	CGTCATCGTC	GTCGGCTCGA	AAGGCGGGGG
	130801	TCCGGGGCGG	CGAGGCCCGG	GGGTGCGGGC	TCGGGATCGT	CCGGACGGCC	TCCTCTACCA
5	130861	TGGAGGCCAG	CAGAGCCAGC	TGTCGCGGCG	AGACGGCGTC	CCGGGCGTCC	TGCGCGGCGT
	130921	CGGTGCCCCG	CGCGGGGGCC	CTCCCGTCCC	GCCGGGCGTC	GTCGAGGTCT	TGGGGGTGGT
	130981	CGGGGTCTGT	GTCGGGGTGG	TCCCCGCCCC	CCTCCGTCTC	CGCGCCCCAC	CCGAGGGCCC
	131041	CCCGCTCGTC	GCGGTCTGGG	GTCGGGGTGG	GCGGCGGCCC	GTCGGTGGGG	CCCGGGGAGC
	131101	CGGGGCGCTG	CTTGTTCTCC	GACGCCATCG	CCGATGCGGG	GCGATCCTCC	GGGGATACGG
	131161	CTGCGACGGC	GGACGTAGCA	CGGTAGGTCA	CCTACGGACT	CTCGATGGGG	GGAGGGGGCG
10	131221	AGACCCACGG	ACCCCGACGA	CCCCCGCCGT	CGACGCGGAA	CTAGCGCGGA	CCGGTCGATG
	131281	CTTGGGTGGG	AAAAAGGACA	GGGACGGCCG	ATCCCCCTCC	CGCGCTTCGT	CCGCGTATCG
	131341	GCGTCCCGGC	GCGGCGAGCG	TCTGACGGTC	TGTCTCTGGC	GGTCCCCGCT	CGGGTCGTGG
	131401	ATCCGTGTCT	GCAGCCGCGC	TCCGTGTGGA	CGATCGGGGC	GTCCTCGGGC	TCATATAGTC
	131461	CCAGGGGGCC	GCGGGAAGGA	GGAGCAGCGG	AGGCCGCGCG	CCCCCGGCC	CCCCGGCGGG
15	131521	CCCACCCCGA	ACGGAATTCC	ATTATGCACG	ACCCCGCCCC	GACCGCCGGA	CGCCGGGGGC
	131581	CCGTGGGCGC	GGCCCCTTGG	TCGAACCCCC	GGCCCCGCCC	ATCCGCGCCA	TCTGCCATGG
	131641	GCGGGGCGCG	AGGGCGGGTG	GGTCCGCGCC	CCGCCCGCA	TGGCATCTCA	TTACCGCCCC
	131701	ATCCGGCGGT	TTCCGCTTCC	GTTCCGCATG	CTAACGAGGA	ACGGGCAGGG	GGCGGGGGCC
	131761	GGGCCCCGAC	TTCCCGTTTC	GGCGGTAATG	AGATACGAGC	CCCGCGCGCC	CGTTGGCCGT
20	131821	CCCCGGGCCC	CCCGGTCCCC	CCCGCCGGAC	GCCGGGACCA	ACGGGACGGC	GGGCGGCCCA
	131881	AGGGCCGCCC	GCCTTGCCGC	CCCCCCATTG	GCCGGCGGGC	GGGACCGCCC	CAAGGGGGCG
	131941	GGGCCGCCGG	GTAAAAGAAG	TGAGAACGCG	AAGCGTTTCG	ACTTCGTCCC	AATATATATA
	132001	TATTATTAGG	GCGAAGTGCG	AGCACTGGCG	CCGTGCCCGA	CTCCGCGCCC	GCCCCGGGGG
	132061	CGGGCCCCGG	CGGCGGGGGG	CGGGTCTCTC	CGGCGCACAT	AAAGCCCCGG	CGGACCCGAC
25	132121	GCCCGCAGAC	GGCGCCGGCC	ACGAACGACG	GGAGCGGCTG	CGGAGCACGC	GGACCGGGAG
	132181	CGGGAGTCGC	AGAGGGCCGT	CGGAGCGGAC	GGCGTCGGCA	TCGCGACGCC	CCGGCTCGGG
	132241	ATCGGGATCG	CATCGGAAAG	GGACACGCGG	ACGCGGGGGG	GAAAGACCCG	CCCACCCAC
	132301	CCACGAAACA	CAGGGGACGC	ACCCCGGGGG	CCTCCGACGA	CAGAAACCCA	CCGGTCCGCC
	132361	TTTTTTTGCAC	GGGTAAGCAC	CTTGGGTGGG	CGGAGGAGGG	GGGGACGCGG	GGGCGGAGGA
30	132421	GGGGGGACGC	GGGGGCGGAG	GAGGGGGGAC	GCGGGGGCGG	AGGAGGGGGG	ACGCGGGGGC
	132481	GGAGGAGGGG	GGACGCGGGG	GCGGAGGAGG	GGGCTCACCC	GCGTTCGTGC	CTTCCCGCAG
	132541	GAGGAACGTC	CTCGTCGAGG	CGACCGGCGG	CGACCGTTGC	GTGGACCGCT	TCCTGCTCGT
	132601	CGGGCGGGGG	GAAGCCACTG	TGGTCTCTCG	GACGCTTTTC	TGGATGGCCG	ACATTTCCCC
	132661	AGGCGCTTTT	GCGCCTTGTC	TAAAGCGCGC	GCGTCCCGCT	CTCCGATCCC	CGCCCCGTTG
35	132721	CACGCGCAAG	CGCAAGCGCC	CTTCCCGCCC	CCTCTCATCG	GAGTCTGAGG	TAGAATCCGA
	132781	TACAGCCTTG	GAGTCTGAGG	TCGAATCCGA	GACAGCATCG	GATTCGACCG	AGTCTGGGGA
	132841	CCAGGATGAA	GCCCCCGCA	TCGGTGGCCG	TAGGGCCCCC	CGGAGGCTTG	GGGGGCGGTT
	132901	TTTTCTGGAC	ATGTCGGCGG	AATCCACCAC	GGGGACGGAA	ACGGATGCGT	CGGTGTGCGA
	132961	CGACCCCGAC	GACACGTCCG	ACTGGTCTTA	TGACGACATT	CCCCACGAC	CCAAGCGGGC
40	133021	CCGGGTAAAC	CTGCGGCTCA	CGAGCTCTCC	CGATCGGCGG	GATGGGGTTA	TTTTCTCTAA
	133081	GATGGGGCGG	GTCCGGTCTA	CCCGGGAAAC	GCAGCCCCGG	GCCCCACCC	CGTCGGCCCC
	133141	AAGCCCAAAT	GCAATGCTAC	GGCGCTCGGT	GCGCCAGGCC	CAGAGCGCGA	CGAGCGCACG
	133201	ATGGACCCCC	GACCTGGGCT	ACATGCGCCA	GTGTATCAAT	CAGCTGTTTC	GGGTCTGCG
	133261	GGTCGCCCCG	GACCCCCACG	GCAGTGCCAA	CCGCCTGCGC	CACCTGATAC	GCGACTGTTA
45	133321	CCTGATGGGA	TACTGCCGAG	CCCGTCTGGC	CCCGCGCACG	TGGTGCCGTT	TGCTGCAGGT
	133381	GTCCGGCGGA	ACCTGGGGCA	TGCACCTGCG	CAACACCATA	CGGGAGGTGG	AGGCTCGATT
	133441	CGACGCCACC	GCGGAACCCG	TGTGCAAGCT	TCCTTGTTTG	GAGACCAGAC	GGTACGGCCC
	133501	GGAGTGTGAT	CTTAGTAATC	TCGAGATTCA	TCTCAGCGCG	ACAAGCGATG	ATGAAATCTC
	133561	CGATGCCACC	GATCTGGAGG	CCGCCGGTTC	GGACCACACG	CTCGCGTCCC	AGTCCGACAC
50	133621	GGAGGATGCC	CCCTCCCCCG	TTACGCTGGA	AAACCCAGAA	CCCCCGGGT	CCCTCGCTGT
	133681	GCGTCTGGAG	GATGAGTTTG	GGGAGTTTGA	CTGGACCCCC	CAGGAGGGCT	CCGAGCCCTG
	133741	GCTGTCTGCG	GTCGTGGCCG	ATACCAGCTC	CGTGGAAACG	CCGGGCCCAT	CCGATTCTGG
	133801	GGCGGGTCTG	GCCGCAGAAG	ACCGCAAGTG	TCTGGACGGC	TGCCGGAATA	TGCGCTTCTC
	133861	CACCGCCTGC	CCCTATCCGT	GCAGCGACAC	GTTTCTCCGG	CCGTGAGTCC	GGTCGCCCCG
55	133921	ACCCCTTTGT	ATGTCCCCAA	AATAAAAGAC	CAAAATCAAA	GCGTTTGTCC	CAGCGTCTTA
	133981	ATGGCGGGAA	GGGCGGAGAG	AAACAGACCA	CGCGGACATG	GGGGGTGTTT	GGGGGTTTAT
	134041	TGGCACCGGG	GGCTAAAGGG	TGGTAACCGG	ATAGCAGATG	TGAGGAAGTC	GGGGCCGTTT
	134101	GCCGCGAACG	GCGATCAGAG	GGTCAGTTTC	TTGCGGACCA	CGGCCCGGCG	ATGTGGGTTG
	134161	CTCGTCTGGG	ACCTCGGGCA	TGCCCATACA	CGCACAAAC	GGACGCCGCA	CCGGATGGGA

	134221	CGTCGTAAGG	GGGCCTGGGG	TAGCTGGGTG	GGGTTTGTGC	AGAGCAATCA	GGGACCGCAG
	134281	CCAGCGCATA	CAATCGCGCT	CCCGTCCGTT	TGTCCCAGGC	AGTACCACGC	CGTACTGGTA
	134341	TTCGTACCGG	CTGAGCAGGG	TCTCCAGGGG	GTGGTTGGGG	GCCGCGGGGA	ACGGGGTCCA
	134401	CGCCACGGTC	CACTCGGGCA	AAAACCGAGT	CGGCACGGCC	CACGGTTCTC	CCACCCACGC
5	134461	GTC'TGGGGTC	TTGATGGCGA	TAAATC'TTAC	CCCGAGCCGG	ATTTTTTGGG	CGTATTCGAG
	134521	AAACGGCACA	CACAGATCCG	CCGCGCCTAC	CACCCACAAG	TGGTAGAGGC	GAGGGGGGCT
	134581	GGT'TGGTCT	CGGTGCAGCA	GTCGGAAGCA	CGCCACGGCG	TCCACGACCT	CGGTGCTCTC
	134641	CAAGGGGCTG	TCCTCCGCAA	ACAGGCCCGT	GGTGGTGTTT	GGGGGGCAGC	GACAGGACCT
	134701	AGTGCGCACG	ATCGGGCGGG	TGGGTTTGGG	TAAGTCCATC	AGCGGCTCGG	CCAACCGTCG
10	134761	AAGGTTGGCC	GGACGAACGA	CGACCGGGGT	ACCCAGGGGT	TCTGATGCCA	AAATGCGGCA
	134821	CTGCCTAAGC	AGGAAGCTCC	ACAGGGCCGG	GCTTGCGTCG	ACGGAAGTCC	GGGGCAGGGC
	134881	GTTGTTCTGG	TCAAGGAGGG	TCATTACGTT	GACGACAACA	ACGCCCATGT	TGGTATATTA
	134941	CAGGCCCCGTG	TCCGATTTGG	GGCACTTGCA	GATTTGTAAG	GCCACGCACG	GCGGGGAGAC
	135001	AGGCCGACGC	GGGGGCTGCT	CTAAAAATTT	AAGGGCCCTA	CGGTCCACAG	ACCCGCCTTC
15	135061	CCGGGGGGGC	CCTTGAGAGC	ACCGGCAGCG	GAGGCGTCCG	GGGGAGGGGA	GGGTGATTTA
	135121	CGGGGGGGTA	GGTCAGGGGG	TGGGTCGTCA	AACTGCCGCT	CCTTAAACCC	CCGGGGCCCC
	135181	TCGTTTCGGGG	TGCTCGTTGG	TTGGCACTCA	CGGTGCGGCG	AATGGCCTGT	CGTAAGTTTT
	135241	GTCGCGTTTA	CGGGGGACAG	GGCAGGAGGA	AGGAGGAGGC	CGTCCCGCCG	GAGACAAAGC
	135301	CGTCCCAGGT	GTTTCCTCAT	GGCCCCTTTT	ATACCCAGC	CGAGGACGCG	TGCCTGGACT
20	135361	CCCCGCCCCC	GGAGACCCCC	AAACCTTCCC	ACACCACACC	ACCCAGCGAG	GCCGAGCGCC
	135421	TGTGTCATCT	GCAGGAGATC	CTTGCCCAGA	TGTACGGAAA	CCAGGACTAC	CCCATAGAGG
	135481	ACGACCCAG	CGCGGATGCC	GCGGACGATG	TGCACGAGGA	CGCCCCGGAC	GACGTGGCCT
	135541	ATCCGGAGGA	ATACGCAGAG	GAGCTTTTTTC	TGCCCCGGGA	CGCGACCGGT	CCCCTTATCG
	135601	GGGCCAACGA	CCACATCCCT	CCCCCGTGTG	GCGCATCTCC	CCCCGGTATA	CGACGACGCA
25	135661	GCCGGGATGA	GATTGGGGCC	ACGGGATTTA	CCCGGGAAGA	GCTGGACGCG	ATGGACAGGG
	135721	AGGCGGCTCG	AGCCATCAGC	CGCGGCGGCA	AGCCCCCTC	GACCATGGCC	AAGCTGGTGA
	135781	CTGGCATGGG	CTTTACGATC	CACGGAGCGC	TCACCCAGG	ATCGGAGGGG	TGTGTCTTTG
	135841	ACAGCAGCCA	TCCAGATTAC	CCCCAACGGG	TAATCGTGAA	GGCGGGGTGG	TACACGAGCA
	135901	CGAGCCACGA	GGCGGCACTG	CTGAGGCGAC	TGGACCACCC	GGCGATCCTG	CCCCTCCTGG
30	135961	ACCTGCATGT	CGTCTCCGGG	GTCACGTGTC	TGGTCTCTCC	CAAGTACCAG	GCCGACCTGT
	136021	ATACCTATCT	GAGTAGGCGC	CTGAACCCAC	TGGGACGCCC	GCAGATCGCA	GCGGTCTCCC
	136081	GGCAGCTCCT	AAGCGCCGTT	GACTACATTC	ACCGCCAGGG	CATTATCCAC	CGCGACATTA
	136141	AGACCGAAAA	TATTTTATAT	AACACCCCCG	AGGACATTTG	CCTGGGGGAC	TTTGGCGCCG
	136201	CGTGCTTCGT	GCAGGGTTCC	CGATCAAGCC	CCTTCCCCTA	CGGAATCGCC	GGAACCATCG
35	136261	ACACCAACGC	CCCCGAGGTC	CTGGCCGGGG	ATCCGTATAC	CACGACCGTC	GACATTTGGA
	136321	GCGCCGGTCT	GGTGATCTTC	GAGACTGCCG	TCCACAACGC	GTCTTGTGTC	TCGGCCCCCC
	136381	GCGGCCCCAA	AAGGGGCCCC	TGCGACAGTC	AGATCACCCG	CATCATCCGA	CAGGCCCAGG
	136441	TCCACGTTGA	CGAGTTTTC	CCGCATCCAG	AATCGCGCCT	CACCTCGCGC	TACCGCTCCC
	136501	GCGCGGCCGG	GAACAATCGC	CCGCCGTACA	CCCGACCGGC	CTGGACCCGC	TACTACAAGA
40	136561	TGGACATAGA	CGTCGAATAT	CTGGTTTGCA	AAGCCCTCAC	CTTCGACGGC	GCGCTTCGCC
	136621	CCAGCGCCGC	AGAGCTGCTT	TGTTTGCCGC	TGTTTCAACA	GAAATGACCG	CCCCCTGGGG
	136681	GCGGTGCTGT	TTGCGGGTTG	GCACAAAAAG	ACCCCGATCC	GCGTCTGTGG	TGTTTTTGGC
	136741	ATCATGTCGC	AGGGCGCCAT	GCGTGCCGTT	GTTCCCATTA	TCCCATTCCT	TTTGTTTCTT
	136801	GTCGGTGTAT	CGGGGGTTCC	CACCAACGTC	TCCTCCACCA	CCCAACCCCA	ACTCCAGACC
45	136861	ACCGGTCGTC	CCTCGCATGA	AGCCCCAAC	ATGACCCAGA	CCGGCACCAC	CGACTCTCCC
	136921	ACCGCCATCA	GCCTTACCAC	GCCCGACCAC	ACACCCCCCA	TGCCAAGTAT	TGGACTGGAG
	136981	GAGGAGGAAG	AGGAGGAGGG	GGCCGGGGAC	GGCGAACATC	TTGAGGGGGG	AGATGGGACC
	137041	CGTGACACCC	TACCCAGTTC	CCCGGGCCCA	GCCTTCCCCT	TGGCTGAGGA	CGTCGAGAAG
	137101	GACAAACCCA	ACCGTCCCCT	AGTCCCATCC	CCCGATCCCA	ACAACTCCCC	CGCGCGCCCC
50	137161	GAGACCAGTC	GCCCGAAGAC	ACCCCCCACC	ATTATCGGGC	CGCTGGCAAC	TCGCCCCACG
	137221	ACCCGACTCA	CCTCAAAGGG	ACGACCTTTG	GTTCCGACGC	CTCAACATAC	CCCGCTGTTT
	137281	TCGTTTCTCA	CTGCCTCCCC	CGCCCTGGAC	ACCTCTTCG	TGCTCAGCAC	CGTCATCCAC
	137341	ACCTTATCGT	TTTTGTGTAT	TGGTGCGATG	GCGACACACC	TGTGTGGCGG	TTGGTCCAGA
	137401	CGCGGGCGAC	GCACACACCC	TAGCGTGCGT	TACGTGTGCC	TGCCGTCCGA	ACGCGGGTAG
55	137461	GGTATGGGGC	GGGGGATGGG	GAGAGCCAC	ATGCGGAAAG	CAAGAACAAT	AAAGGCGGTG
	137521	GTATCTAGTT	GATATGCATC	TCTGGGTGTT	TTTGGGGTGT	GGCGGACGCG	GGGCGGTGAT
	137581	TGGACGGGGT	GCAGTTAAAT	ACATGCCCGG	GACCCATGAA	GCATGCGCGA	CTTCCGGGCC
	137641	TCAGAACCCA	CCCGAAACGG	CCAACGGACG	TCTGAGCCAG	GCCTGGCTAT	CCGGAGAAAC
	137701	AGCACACGAC	TTGGCGTTCT	GTGTGTCGCG	ATGTCTCTGC	GCGCAGTCTG	GCATCTGGGG

	137761	CTTTTGGGAA	GCCTCGTGGG	GGCTGTTCTT	GCCGCCACCC	ATCGGGGACC	TGCGGCCAAC
	137821	ACAACGGACC	CCTTAACGCA	CGCCCCAGTG	TCCCCTCACC	CCAGCCCCCT	GGGGGGCTTT
	137881	GCCGTCCCCC	TCGTAGTCGG	TGGGCTGTGC	GCCGTAGTCC	TGGGGGCGGC	ATGTCTGCTT
5	137941	GAGCTCCTGC	GTCGTACGTG	CCGCGGGTGG	GGGCGTTACC	ATCCCTACAT	GGACCCAGTT
	138001	GTCGTATAAT	TTCCCCCCCC	CCCCCCTTC	TCCGCGTGGG	TGATGTCGGG	TCCAAACTCC
	138061	CGACACCACC	AGCTGGCATG	GTATAAATCA	CCGGTGCGCC	CCCCAAACCA	TGTCCGGCAG
	138121	GGGCAATGGG	GGGCAATGCG	GAGGGCACCC	AACAACACCG	GGCTAACCAG	GAAATCCGTG
	138181	GCCCCGGCCC	CCAATAAAGA	TCGCGGTAGC	CCGGCCGTGT	GACACTATCG	TCCATACCGA
10	138241	CCACACCGAC	GAATCCCCCA	AGGGGGAGGG	GCCATTTTAC	GAGGAGGAGG	GGTATAACAA
	138301	AGTCTGTCTT	TAAAAAGCAG	GGGTTAGGGA	GTTGTTCGGT	CATAAGCTTC	AGCGCGAACG
	138361	ACCAACTACC	CCGATCATCA	GTTATCCTTA	AGGTCTCTTT	TGTGTGGTGC	GTTCCGGTAT
	138421	GGGGGGGGCT	GCCGCCAGGT	TGGGGGCCGT	GATTTTGTTT	GTCGTCATAG	TGGGCCTCCA
	138481	TGGGGTCCGC	AGCAAATATG	CCTTGGTGGA	TGCCTCTCTC	AAGATGGCCG	ACCCCAATCG
15	138541	CTTTCGCGGC	AAAGACCTTC	CGGTCTTGGA	CCAGCTGACC	GACCC'TCCG	GGGTCCGGCG
	138601	CGTGTACCAC	ATCCAGGCGG	GCCTACCGGA	CCCGTTCAG	CCCCCAGCC	TCCCGATCAC
	138661	GGTTTACTAC	GCCGTGTTGG	AGCGCGCCTG	CCGAGCGTG	CTCCTAAACG	CACCGTCGGA
	138721	GGCCCCCAG	ATTGTCCCG	GGGCCTCCGA	AGACGTCCGG	AAACAACCTT	ACAACCTGAC
	138781	CATCGCTTGG	TTTCGGATGG	GAGGCAACTG	TGCTATCCCC	ATCACGGTCA	TGGAGTACAC
20	138841	CGAATGCTCC	TACAACAAGT	CTCTGGGGGC	CTGTCCCATC	CGAACGCAGC	CCCGCTGGAA
	138901	CTACTATGAC	AGCTTCAGCG	CCGTCAGCGA	GGATAACCTG	GGGTTCCTGA	TGCACGCCCC
	138961	CGCGTTTGAG	ACCGCCGGCA	CGTACCTGCG	GCTCGTGAAG	ATAAACGACT	GGACGGAGAT
	139021	TACACAGTTT	ATCCTGGAGC	ACCGAGCCAA	GGGCTCCTGT	AAGTACGCCC	TCCCGCTGCG
	139081	CATCCCCCCG	TCAGCCTGCC	TCTCCCCCCA	GGCCTACCAG	CAGGGGGTGA	CGGTGGACAG
	139141	CATCGGGATG	CTGCCCCGCT	TCATCCCCGA	GAACAGCGC	ACCGTCGCCC	TATACAGCTT
25	139201	GAAGATCGCC	GGGTGGCAGC	GGCCCAAGGC	CCCATACACG	AGCCCTTGC	TGCCCCCGGA
	139261	GCTGTCCGAG	ACCCCCAACG	CCACGCAGCC	AGAACTCGCC	CCGGAAGACC	CCGAGGATTC
	139321	GGCCCTCTTG	GAGGACCCCC	TGGGGACGGT	GGCGCCGCAA	ATCCCACCAA	ACTGGCACAT
	139381	ACCGTCGATC	CAGGACGCCG	CGACGCCTTA	CCATCCCCCG	GCCACCCCGA	ACAACATGGG
	139441	CCTGATCGCC	GGCGCGGTGG	GCGGCAGTCT	CCTGGCAGCC	CTGGTCATTT	GCGGAATTGT
30	139501	GTAAGTGGATG	CGCCGCCACA	CTCAAAAAGC	CCCAAAGCGC	ATACGCCTCC	CCCACATCCG
	139561	GGAAGACGAC	CAGCCGTCCCT	CGCACCAGCC	CTTGTTTTTAC	TAGATACCCC	CCCTTAATGG
	139621	GTGCGGGGGG	GTCAGGTCTG	CGGGGTGGGG	ATGGGACCTT	AACTCCATAT	AAAGCGAGTG
	139681	TGGAAGGGGG	GAAAGGTGGA	CAGTCGATAA	GTCGGTAGCG	GGGGACGCGC	ACCTGTTCCG
	139741	CCTGTGCGAC	CCACAGCTTT	TTTTGCGAAC	CGTCCCGTTC	CGGGATGCCG	TGCCGCCCGT
35	139801	TGCAGGGCCT	GGTGCTCGTG	GGCCTCTGGG	TCTGTGCCAC	CAGCCTGGTT	GTCCGTGGCC
	139861	CCACGGTCAG	TCTGGTATCA	AACTCATTTG	TGGACGCCGG	GGCCTTGGGG	CCGACGGCG
	139921	TAGTGGAGGA	AGACCTGCTT	ATTCTCGGGG	AGCTTCGCTT	TGTGGGGGAC	CAGGTCCCCC
	139981	ACACCACCTA	CTACGATGGG	GGCGTAGAGC	TGTGGCACTA	CCCCATGGGA	CACAAATGCC
40	140041	CACGGGTGCT	GCATGTCTGC	ACGGTGACCG	CGTGCCACG	TCGCCCCGCC	GTGGCATTCG
	140101	CCCTGTGTCTG	CGCGACCGAC	AGCACTCACA	GCCCCGCATA	TCCCACCCTG	GAGCTCAATC
	140161	TGGCCCAACA	GCCGCTTTTG	CGGGTCCAGA	GGGCAACGCG	GGACTATGCG	GGGGTGTACG
	140221	TGTTACGCGT	ATGGGTCCGT	GACGCGCCAA	ACGCCAGCCT	GTTTGTCTCG	GGGATGGCCA
	140281	TAGCCGCCGA	AGGGACTCTG	GCGTACAACG	GCTCGGCCTA	TGGCTCCTGC	GACCCGAAAC
45	140341	TGCTTCCGTC	TTTCGGCCCCG	CGTCTGGCCC	CGGCGAGCGT	ATACCAACCC	GCCCCTAACC
	140401	AGGCCTCCAC	CCCCTCGACC	ACCACCTCCA	CCCCCTCGAC	CACCATCCCC	GCTCCCTCGA
	140461	CCACCATCCC	CGCTCCCCAA	GCATCGACCA	CGCCCTTCCC	CACGGGAGAT	CCAAAACCAC
	140521	AACCTCCCCG	GGTCAACCAC	GAACCCCCAT	CTAATGCCAC	GCGAGCGACC	CGCGACTCGC
	140581	GATACGCGCT	AACGGTGACC	CAGATAATCC	AGATAGCCAT	CCCCGCGTCC	ATCATAGCCC
50	140641	TGGTGTTTTCT	GGGGAGCTGT	ATTTGCTTTA	TACACAGATG	TCAACGCCCG	TACCGACGCT
	140701	CCCGTCGCCC	GATTTACAGC	CCCCAGATGC	CCACGGGCAT	CTCATGCGCG	GTGAACGAAG
	140761	CGGCCATGGC	CCGCCTCGGA	CCCCGAGCTCA	AATCGCATCC	GAGCACCCCC	CCCAAATCCC
	140821	GGCGCCGGTC	GTCACGCACG	CCAATGCCCT	CCCTGACGGC	CATCGCCGAA	GAGTCGGAGC
	140881	CCGCTGGGGC	GGCTGGGCTT	CCGACGCCCC	CCGTGGACCC	CACGACACCC	ACCCCAACGC
	140941	CTCCCTGTGT	GGTATAGGTC	CACGGCCACT	GGCCGGGAGC	ACCACATAAC	CGACCGCAGT
55	141001	CCCTGAGTTG	GGAATAAACC	GGTATTATTT	ACCTATATCC	GTGTATGTCT	ATTTCTTTCC
	141061	CCCCCTCCCC	GGAAACCAAA	GAAGGAAGCA	AAGAATGGAT	GGGAGGAGTT	CAGGAAGCCG
	141121	GGGAGAGGGC	CCGCGGCGCA	T'TTAAGGCGT	TGTTGTGTTG	ACTTTGCCTC	TTCTGGCGGG
	141181	TTGGTGCGGT	GCTGTTTGTT	GGGCTCCCAT	TTTACCCGAA	GATCGGCTGC	TATCCCCGGG
	141241	ACATGGATCG	CGGGGCGGTG	GTGGGGTTTC	TTCTCGGTGT	TTGTGTTGTA	TCGTGCTTGG

	141301	CGGGAACGCC	CAAAACGTCC	TGGAGACGGG	TGAGTGTCGG	CGAGGACGTT	TCGTTGCTTC
	141361	CAGCTCCGGG	GCCTACGGGG	CGCGGCCCGA	CCCAGAACT	ACTATGGGCC	GTGGAACCCC
	141421	TGGATGGGTG	CGGCCCTTA	CACCCGTCGT	GGGTCTCGCT	GATGCCCCC	AAGCAGGTGC
	141481	CCGAGACGGT	CGTGGATGCG	GCGTGATGC	GCGCTCCGGT	CCCGCTGGCG	ATGGCGTACG
5	141541	CCCCCCCCGGC	CCCATCTGCG	ACCGGGGGTTC	TACGAACGGA	CTTCGTGTGG	CAGGAGCGCG
	141601	CGGCCGTGGT	TAACCGGAGT	CTGGTTATTC	ACGGGGTCCG	AGAGACGGAC	AGCGGCCCTGT
	141661	ATACCCTGTC	CGTGGGCGAC	ATAAAGGACC	CGGCTCGCCA	AGTGGCCTCG	GTGGTCTCTGG
	141721	TGGTGCAACC	GGCCCCAGTT	CCGACCCAC	CCCCGACCCC	AGCCGATTAC	GACGAGGATG
	141781	ACAATGACGA	GGGCGAGGAC	GAAAGTCTCG	CCGGCACTCC	CGCCAGCGGG	ACCCCCCGGC
10	141841	TCCCGCCTCC	CCCCGCCCCC	CCGAGGTCTT	GGCCCAGCGC	CCCCGAAGTC	TCACATGTGC
	141901	GTGGGGTGAC	CGTGCGTATG	GAGACTCCGG	AAGCTATCCT	GTTTTCCCCC	GGGGAGACGT
	141961	TCAGCACGAA	CGTCTCCATC	CATGCCATCG	CCCACGACGA	CCAGACCTAC	TCCATGGACG
	142021	TCGTCTGGTT	GAGGTTTCGAC	GTGCCGACCT	CGTGTGCCGA	GATGCGAATA	TACGAATCGT
	142081	GTCTGTATCA	CCCGCAGCTC	CCAGAATGTC	TGTCCTCCGGC	CGACGCGCCG	TGCGCCGCGA
15	142141	GTACGTGGAC	GTCTCGCCTG	GCCGTCCGCA	GCTACGCGGG	GTGTTCCAGA	ACAAACCCCC
	142201	CACCCGCTG	TTCGGCCGAG	GCTCACATGG	AGCCCGTCCC	GGGGCTGGCG	TGGCAGGCGG
	142261	CCTCCGTCAA	TCTGGAGTTC	CGGGACGCGT	CCCCACAACA	CTCCGGCCTG	TATCTGTGTG
	142321	TGGTGTACGT	CAACGACCAT	ATTCACGCCCT	GGGGCCACAT	TACCATCAGC	ACCGCGGCGC
	142381	AGTACCGGAA	CGCGGTGGTG	GAACAGCCCC	TCCCACAGCG	CGGCGCGGAT	TTGGCCGAGC
20	142441	CCACCCACCC	GCACGTCGGG	GCCCCCTCCC	ACGCGCCCCC	AACCCACGGC	GCCCTGCGGT
	142501	TAGGGGCGGT	GATGGGGGCC	GCCCTGCTGC	TGTCTGCACT	GGGGTTGTCT	GTGTGGGCGT
	142561	GTATGACCTG	TTGGCGCAGG	CGTGCCCTGGC	GGGCGGTTAA	AAGCAGGGCC	TCGGGTAAAG
	142621	GGCCACGTA	CATTCGCGTG	GCCGACAGCG	AGCTGTACGC	GGACTGGAGC	TCGGACAGCG
	142681	AGGGAGAACG	CGACCAGGTC	CCGTGGCTGG	CCCCCCCCGA	GAGACCCGAC	TCTCCCTCCA
25	142741	CCAATGGATC	CGGCTTTGAG	ATCTTATCAC	CAACGGCTCC	GTCTGTATAC	CCCCGTAGCG
	142801	ATGGGCATCA	ATCTCGCCGC	CAGTCAACA	CCTTTGGATC	CGGAAGGCCC	GATCGCCGTT
	142861	ACTCCCAGGC	CTCCGATTCT	TCCGTCTTCT	GGTAAGGCGC	CCCATCCCCA	GGCCCCACGT
	142921	CGGTGCGCGA	ACTGGGCGAC	CGCCGGCGAG	GTGGACGTCG	GAGACGAGCT	AATCGCGATT
	142981	TCCGACGAAC	GCGGACCCCC	CCGACATGAC	CGCCCGCCCC	TCGCCACGTC	GACCGCGCCC
30	143041	TCGCCACACC	CGCGACCCCC	GGGCTACACG	GCCGTTGTCT	CCCCGATGGC	CCTCCAGGCT
	143101	GTCGACGCCC	CCTCCCTGTT	TGTCGCTTGG	CTGGCCGCTC	GGTGGCTCCG	GGGGGCTTCC
	143161	GGCCTGGGGG	CCGTCTCTGT	TGGGATTGCG	TGGTATGTGA	CGTCAATTGC	CCGAGGCGCA
	143221	TAAAGGGCCG	GTGGTCCGCC	TAGCCGCGCT	AAATTAAAAA	TCGTGAGTCA	CAGCGACCCG
	143281	AACTTCCCAC	CCGGAGCTTT	CTTCCGGCCT	CGATGACGTC	CCGGCTCTCC	GATCCCAACT
35	143341	CCTCAGCGCG	ATCCGACATG	TCCGTGCCGC	TTTATCCAC	GGCCTCGCCA	GTTCGGTCTG
	143401	AAGCCTACTA	CTCGGAAAGC	GAAGACGAGG	CGGCCAACGA	CTTCCTCGTA	CGCATGGGCC
	143461	GCCAACAGTC	GGTATTAAGG	CGTCGACGCA	GACGCACCCG	CTGCGTCGGC	ATGGTGATCG
	143521	CCTGTCTCCT	CGTGGCCGTT	CTGTGCGGCG	GATTTGGGGC	GCTCCTGATG	TGGCTGCTCC
	143581	GCTAAAAGAC	CGCATCGACA	CGCGCGTCC	TCTTGTGCTC	TCTCTTCCCC	CCCATCACCC
40	143641	CGCAATTTGC	ACCCAGCCTT	TAATAACATT	AAATTGGGTT	CGATTGGCAA	TGTTGTCTCC
	143701	CGGTTGATTT	TTGGGTGGGT	GGGGAGTGGG	TGGGTGGGGA	GTGGGTGGGT	GGGGAGTGGG
	143761	TGGGTGGGGA	GTGGGTGGGT	GGGGAGTGGG	TGGGTGGGGA	GTGGGTGGGT	GGGGAGTGGG
	143821	TGGGTGGGGA	GTGGGTGGGT	GGGGAGTGGG	TGGGTGGGGA	GTGGCAAGGA	AGAAACAAGC
	143881	CCGACCACCA	GACAGAAAAT	GTAACCATA	CCAAACCGAC	TCTGGGGGCT	GTTCGTGGGG
45	143941	TCGGAACCAT	AGGATGAACA	AACCACCCCG	TACCACCCGC	ACCCAAGGGT	GCGGTGGCTC
	144001	ATCGGCATCT	GTCCGGTATG	GGTTGTTCCC	CACCCACTCG	CGTTCGGACG	TCTTAGAATC
	144061	ATGGCGGTTT	TCTATGCCGA	CATCGGTTTT	CTCCCCCGCA	ATAAGACACG	ATGCGATAAA
	144121	ATCTGTTTGT	AAAATTTTAT	AAGGGTACAA	ATTGCCCTAG	CACAGGGGTG	GGGTTAGGGC
	144181	CGGGTCCCCA	CACCCAAACG	CACCAAACAG	ATGCAGGCAG	TGGGTGCGAGT	ACAGCCCCGC
50	144241	GTACGAACAC	GTCGATGCGT	GTGTACAGACA	GCACCAGAAA	GCACAGGCCA	TCAACAGGTC
	144301	GTGCATGTGT	CGGTGGGTTT	GGACGCGGGG	GGCCATGGTG	GTGATAAAGT	TAATGGCCCG
	144361	GTCCGCGCAG	GGCCACAGGG	GCGACGTCTC	TTGGTTGGCC	CGGAGCCAT	GGGTGTGGAC
	144421	CAGCCGCGCG	TGGCGGCCCA	ACATGGCCCC	TGTAGCCGGG	GGCGGGGGAT	CGCGCACGTT
	144481	TGCAGCGCAC	ATGCGAGACA	CCTCGACCAC	GGTTCGAAAG	AAGGCCCGGT	GGTCCGCGGG
55	144541	CAACATCACC	AGGTGCGCAA	GCGCCCGGGC	GTCCAGAGGG	TAGAGCCCTG	AGTCATCCGA
	144601	GGTTGGCTCA	TCGCCCAGGT	CTTGCCGCAA	GTGCGTGTGG	GTTGGGCTTC	CGGTGGGCGG
	144661	GACGCGAACC	GCGGTGTGGA	TCCCGACGCG	GGCCCGAGCG	TATGCTCCAT	GTTGTGGGGA
	144721	GAAGGGGTCT	GGGCTCGCCA	GGGGGGCATA	CTTGCCCGGG	CTATACAGAC	CCGCGAGCCG
	144781	TACGTGGTTC	GCGGGGGGTG	CGTGGGGTCC	GGGGCTCCCC	GGGAGACCGG	GGCTCCCGGG

	144841	GAGACCGGGG	CTCCCTGGGA	GACCGGGGTT	GTCGTGGATC	CCTGGGGTCA	CGCGGTACCC
	144901	TGGGGTCTCT	GGGAGCTCGC	GGTACTCTGG	GTTCCCTAGG	TTCTCGGGGT	GGTCGCGGAA
	144961	CCCGGGGCTC	CCGGGGAACA	CGCGGTGTCC	TGGGGATTGT	TGGCGGTCCG	ACGGCTTCAG
5	145021	ATGGCTTCGA	GATCGTAGTG	TCCGCACCGA	CTCGTAGTAG	ACCCGAATCT	CCACATTGCC
	145081	CCGCCGCTTG	ATCATTATCA	CCCCGTTGCG	GGGGTCCGGA	GATCATGCGC	GGGTGTCCTC
	145141	GAGGTGCGTG	AACACCTCTG	GGGTGCATGC	CGGCGGACGG	CACGCCTTTT	AAGTAAACAT
	145201	CTGGGTCCGC	CGGCCCAACT	GGGGCCGGGG	GTTGGGTCTG	GCTCATCTCG	AGAGCCACGG
	145261	GGGGGAACCA	CCCTCCGCCC	AGAGACTCGG	GTGATGGTCG	TACCCGGGAC	TCAACGGGTT
	145321	ACCGGATTAC	GGGGACTGTC	GGTCACGGTC	CCGCCGGTTC	TTCGATGTGC	CACACCCAAG
10	145381	GATGCGTTGG	GGGCGATTTC	GGGCAGCAGC	CCGGGAGAGC	GCAGCAGGGG	ACGCTCCGGG
	145441	TCGTGCACGG	CGGTTCTGGC	CGCCTCCCGG	TCCTCACGCC	CCCTTTTATT	GATCTCATCG
	145501	CGTACGTCCG	CGTACGTCCT	GGGCCCAACC	CGCATGGTGT	CCAGGAAGGT	GTCCGCCATT
	145561	TCCAGGGCCC	ACGACATGCT	CCCCCCCCGAC	GAGCAGGAAG	CGGTCCACGC	AACGGTCGCC
	145621	GCCGGTCGCC	TCGACGAGGA	CGTTCTCTCT	GCGGGAAGGC	ACGAACGCGG	GTGAGCCCCC
15	145681	TCCTCCGCCC	CCGCGTCCCC	CCTCCTCCCG	CCCCGCGTCC	CCCCTCCTCC	GCCCCCGCGT
	145741	CCCCCTCCT	CCGCCCCCGC	GTCCCCCCTC	CTCCGCCCCC	GCGTCCCCCC	TCCCTCCGCC
	145801	CCGCGTCCCC	CCTCCTCCAC	CCCCGCGTCC	CCCCCTCCTC	CGCCACCCA	AGGTGCTTAC
	145861	CCGTGCAAAA	AAGGCGGACC	GGTGGGTTTC	TGTCGTCGGA	GGCCCCCGGG	GTGCGTCCCC
	145921	TGTGTTTCGT	GGGTGGGGTG	GGCGGGTCTT	TCCCCCCCGC	GTCCGCGTGT	CCCTTTCCGA
20	145981	TGCGATCCCG	ATCCCGAGCC	GGGGCGTCGC	GATGCCGACG	CCGTCCGCTC	CGACGGCCCT
	146041	CTGCGACTCC	CGTCTCCCGT	CCGCGTGCTC	CGCAGCCGCT	CCCGTCGTTC	GTGGCCGGCG
	146101	CCGTCTGCGG	GCGTCGGTCG	CGCCGGGCCCT	TTATGTGCGC	CGGAGAGACC	CGCCCCCCGC
	146161	CGCCCCGGGC	CGCCCCCGGG	GCCGGCGCGG	AGTCGGGCAC	GGCGCCAGTG	CTCGCACTTC
	146221	GCCCTAATAA	TATATATATA	TGGGACGAA	GTGCGAACGC	TTCGCGTTCT	CACCTCTTTT
25	146281	ACCCGGCGGC	CCCCCCCCCT	TTGGGCGGTC	CCGCCCCGCG	GCCAATGGGT	GCCCGGCAAG
	146341	GCGGGCGGCC	CTTGGGCGCG	CCGCCGTCCC	GTTGGTCCCG	GCGTCCGGCG	GGCGGGACCG
	146401	GGGGGCCCGG	GGACGGCCAA	CGGGCGCGCG	GGGCTCGTAT	CTCATTACCG	CCGAACCGGG
	146461	AAGTCGGGGC	CCGGGCCCCG	CCCCCTGCCC	GTTCTCTGTT	AGCATGCGGA	ACGGAAGCGG
	146521	AAACCGCCCG	ATCGGGCGGT	AATGAGATGC	CATGCGGGGC	GGGGCGCGGA	CCCACCCGCC
30	146581	CTCGCGCCCC	GCCCATGGCA	GATGGCGCGG	ATGGGGCGGG	CCGGGGGTTT	GACCAACGGG
	146641	CCGCGGCCAC	GGGCCCCCGG	CGTGCCGGCG	TGGGGCGGGG	GTCGTGCATA	ATGGAATTCC
	146701	GTTCTGGGGT	GGCCCGCCCG	GGGGCGGGGG	GGCCGGCGGC	CTCCGCTGCT	CCTCCTTCCC
	146761	GGCCGCCCCC	GGGACTATAT	GAGCCCGAGG	ACGCCCCGAT	CGTCCACACG	GAGCGCGGCT
	146821	GCCGACACGG	ATCCACGACC	CGACGCGGGA	CCGCCAGAGA	CAGACCGTCA	GACGCTCGCC
35	146881	GCGCCGGGAC	GCCGATACGC	GGACGAAGCG	CGGGAGGGGG	ATCGGCCGTC	CCTGTCTTTT
	146941	TTCCCAACCA	AGCATCGACC	GGTCCGCGCT	AGTTCCGCGT	CGACGGCGGG	GGTCGTCCGG
	147001	GTCCGTGGGT	CTCGCCCCCT	CCCCCATCG	AGAGTCCGTA	GGTGACCTAC	CGTGCTACGT
	147061	CCGCCGTGCG	AGCCGTATCC	CCGGAGGATC	GCCCCGCATC	GGCGATGGCG	TCGGAGAACA
	147121	AGCAGCGCCC	CGGCTCCCCG	GGCCCCACCG	ACGGGCCGCC	GCCCACCCCG	AGCCCAGACC
40	147181	GCGACGAGCG	GGGGGCCCTC	GGGTGGGGCG	CGGAGACGGA	GGAGGGCGGG	GACGACCCCC
	147241	ACCACGACCC	CGACCACCCC	CACGACCTCG	ACGACGCCCG	GCGGGACGGG	AGGGCCCCCG
	147301	CGCGCCGCGC	CGACGCCGCG	GAGGACGCCG	GGGACGCCGT	CTCGCCCGCA	CAGCTGGCTC
	147361	TGCTGGCCTC	CATGGTAGAG	GAGGCCGTCC	GGACGATCCC	GACGCCCCGAC	CCCGCGGCCT
	147421	CGCCGCCCCG	GACCCCCGCC	TTCGAGCCCG	ACGACGATGA	CGGGGACGAG	TACGACGACG
45	147481	CAGCCGACGC	CGCCGGCGAC	CGGGCCCCCG	CCCCGGGCCG	CGAACGGGAG	GCCCCGCTAC
	147541	GCGGCGCGTA	TCCGGACCCC	ACGGACCGCC	TGTCGCGCGG	CCCGCCGGCC	CAGCCGCGCG
	147601	GGAGACGTCC	TCACGGCCGG	TGGCGGCCAT	CGGCGTCATC	GACCTCGTCG	GACTCCGGGT
	147661	CCTCGTCTCT	GTCGTCCGCA	TCCTCTTCGT	CCTCGTCTGC	CGACGAGGAC	GAGGACGACG
	147721	ACGGCAACGA	CGCGGCCGAC	CACGCACGCG	AGGCGCGGGC	CGTCGGGCGG	GGTCCGTCTGA
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	147841	AGGCGCGGCC	CAAGCCCGCG	CGGCGGGCGA	GGACCCCGCG	GGCTCCGCGG	GCCCGCATCG
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	147961	GGCAGCCCCG	GCGGGTCGAG	CTGGACGCGG	ACGCGACCTC	CGGCGCCTTC	TACGCGCGCT
	148021	ATCGCGACGG	GTACGTACAG	GGGGAGCCGT	GGCCCGGCGC	CGGGCCCCCG	CCCCCGGGGC
55	148081	GGGTGCTGTA	CGGCGGCCTG	GGCGACAGCC	GCCCCGGCCT	CTGGGGGGCG	CCCGAGGCGG
	148141	AGGAGGCGCG	ACGCCGTTTC	GAGGCCTCGG	GCGCCCCGGC	GGCCGTGTGG	GCGCCCGAGC
	148201	TGGGCGACGC	CGCGCAGCAG	TACGCCCTGA	TCACGCGGCT	GCTGTACACC	CCGGACGCGG
	148261	AGGCCATGGG	GTGGCTCCAG	AACCCGCGCG	TGGTCCCCCG	GGACGTGGCG	CTGGACCAGG
	148321	CCTGCTTCCG	GATCTCGGGC	GCCGCGCGCA	ACAGCAGCTC	CTTCATCACC	GGCAGCGTGG

	148381	CGCGGGCCGT	GCCCCACCTG	GGCTACGCCA	TGGCGGCCGG	CCGCTTCGGC	TGGGGCCTGG
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	148501	TGCTGACCAG	CCTGCGCCGC	GCCTACGCGC	CCCTGTTGGC	GC GCGAGAAC	GCGGCGCTGA
5	148561	CGGGGGCCGC	GGGGAGCCCC	GGCGCCGGCG	CAGATGACGA	GGGGGTGCGC	GCCGTGCGCG
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	148741	CCCCCCACGC	CGACGCCGAC	GACGACGCCG	GGCGCCGCGC	CCAGGCCGGC	CGCGTGGCCG
	148801	TCGAGTGCC	GGCCGCCTGC	CGCGGGATCC	TGGAGGCGCT	GGCCGAGGGC	TTGACGCGCG
	148861	ACCTGGCGGC	CGTCCCGGGG	CTGGCCGGGG	CCCGGCCCGC	CAGCCCCCGG	CGGCCGGAGG
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	148981	GGCTGCGCGA	GCTGCGGTTT	GTGCGCGACG	CGCTGGTGCT	CATGCGCCTG	CGCGGGGACC
	149041	TGCGCGTGCG	CGGCGGCAGC	GAGGCCGCCG	TGGCCGCCGT	GCGCGCCGTG	AGCCTGGTTC
	149101	CCGGGGCCCT	GGGCCCCGCG	CTGCCGCGGG	ACCCGCGCCT	GCCGAGCTCC	GCGGCCGCCG
	149161	CCGCCGCGGA	CCTGCTGTTT	GACAACCAGA	GCCTGCGCCC	CCTGTGCGCC	GCGCGGGCCA
15	149221	GCGCACCAGA	CGCCGCCGAC	CGCTGGCGCG	CCGCCGCCGC	CTCCGCGCGC	CCCGGGGAGG
	149281	GGCGCAAGCG	CAAGAGTCCC	GGCCCGGCCG	GGCCGCCCGG	AGGCGGCGGC	CCGCGACCCC
	149341	CGAAGACGAA	GAAGAGCGGC	GCGGACGCCC	CCGGCTCGGA	CGCCCGCGCC	CCCCTCCCCG
	149401	CGCCCGCGCC	CCCCCTCCAC	CCCCCGGGGC	CCGAGCCCGC	CCCCGCCCAG	CCCGCGGCGC
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	149581	CGCCCGCGGC	CGCCGCCCTG	GAGGCCTACT	GTCCCCCGCG	CGCCGTGGCC	GAGCTCACGG
	149641	ACCACCCGCT	GTCCCCCGTC	CCCTGGCGAC	CGGCCCTCAT	GTTTGACCCG	CGGGCCCTGG
	149701	CCTCGATCGC	CGCGCGGTGC	GCCGGGCCCG	CCCCCGCCGC	CCAGGCCGCG	TTCGCGGCGG
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	149881	AGGACGTGCG	CGTGGTGGTG	CTGTACTCGC	CGCTGCCGGG	CGAGGACCTG	GCCGGCGGCG
	149941	GGGCCTCGGG	GGGGCCGCCG	GAGTGGTCCG	CCGAGCGCGG	CGGGCTGTCC	TGCCCTGCTG
	150001	CGGCCCTGGC	CAACCCGCTG	TGCGGGCCGG	ACACGGCCGC	CTGGGCGGGC	AATTGGACCG
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35	150361	TCTTCGCGCG	CGTGGAGGCC	GCGCACGCGC	GCCTGTACCC	CGACGCGCCG	CCGCTGCGCC
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	150481	TGCCCATGTC	CCCGCGCGAG	TACCGCCGGG	CCGTGCTGCC	GGCGCTGGAC	GGCCGGGCGG
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	150601	CCCACTCGCA	CGCCGCTGCG	GCGCGCTGGG	GCCTGGGCGC	GCCGCTGCGG	CCCGTGTACG
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40	150721	ACTTTTGCGC	CCCGGCCCTG	CTGGAGCCCG	ACGACGACGC	CCCCCGCTG	GTGCTGCGCG
	150781	GCGACGACGA	CGGCCCGGGG	GCCCTGCCCG	CGGCGCCCGC	CGGGATTGCG	TGGGCTTCGG
	150841	CCACGGGCGG	CAGCGGCACC	GTGCTGGCGG	CGGCGGGGGC	CGTGAGGTTG	CTGGGGGCGG
	150901	AGGCGGGCTT	GGCCACGCCC	CCGCGGCGGG	AAGTTGTGGA	CTGGGAAGGC	GCCTGGGACG
45	150961	AAGACGACGG	CGGCGCGTTC	GAGGGGGACG	GGGTGCTGTA	ACGGGCCGGG	ACGGGGCGGG
	151021	GCGCTTGTGA	GACCCGAAGA	CGCAATAAAC	GGCAACAACC	TGATTAAGTT	TTGCAGTAGC
	151081	GTTGTTTATT	CGAGGGGCGG	GAGGGGGCGA	GGGGCGGGAG	GGGGCGAGGG	GCGGGAGGGG
	151141	GCGAGGGGCG	GGAGGGGGCG	AGGGGCGGGA	GGGGGCGAGG	GGCGGGAGGG	GGCGAGGGGG
	151201	GGGAGGGGGC	GAGGGGCGGG	AGGGGGCGAG	GGGCGGGAGG	GGGCGAGGGG	CGGGAGGGGG
	151261	CGAGGGGCGG	GAGGGGGCGA	GGGGCGGGAG	GGGGCGAGGG	GCGGGAGGGG	GCGAGGGGGG
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	151381	GAGGGGCGGG	AGGGGCGGAG	GGGCGGGAGG	GGGCGAGGGG	CGGTGGTGGT	GCGCGGGCGC
	151441	CCCCGGAGGG	TTTGGATCTC	TGACCTGAGA	TTGGCGGCAC	TGAGGTAGAG	ATGCCCGAAC
	151501	CCCCCGAGGG	GAGCGCGGGA	CGCGCCGGGG	AGGGCTGGGG	CCGGGGAGGG	CTGGGGCCGG
	151561	GGAGGGCTGG	GGCCGGGGAG	GGCTGGGGCC	GGGGAGGGCT	GGGGCCGGGG	AGGGCTGGGG
55	151621	CCGGGGAGGG	CTGGGGCTGG	GGAGGGCTGG	GGCTGGGGAG	GGGGCGGTGG	TGTGTAGCAG
	151681	GAGCGGTGTG	TTGCGCCGGG	GTACGTCTGG	AGGAGCGGGA	GGTGC GCGGT	GACGTGTGGA
	151741	TGAGGAACAG	GAGTTGTTGC	GCGGTGAGTT	GTGCTGTGTA	GTTGTGTTGT	TGGGACAGGT
	151801	TGGTGGATGA	CGTGACGTGT	GACGTGCGGA	GTGCGCCGTG	CTCTGTTGGT	TTACCTGTG
	151861	GCAGCCCCGG	CCCCCGCGCG	GCGCGCGCGC	GCGCAAAAAA	GGCGGGCGGC	GGTCCGGGCG

151921 GCGTGCGCGC GCGCGGCGGG CGTGGGGGGG GGGGCCGCGG GAGCGGGGGG AGGAGCGGGG  
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# HUMAN HERPESVIRUS 2 (SEQ ID NO:110)

10 1 AGTCCCCGTC CTGCCGCGCG GGGGCGGGCG CGGGAACAAA GCCGCGCGGG GGCGCCCGCG  
 61 GGAAGGCAGC CCCGCGGCGC GCGGGGGGAG GGGCGGCGCC CGCGGGGGAG CGGCCGGCTC  
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	3181	CCGTTGCGCA	ACACGTGTCC	CCTGTGCAAC	ACCCCGGTGG	CGTACCTGAT	AGTGGGCGTG
5	3241	ACCGCCAGCG	GGTCGTTTCA	CACCATCCCC	ATAGTGAACG	ACCCCGGGAC	CCGCGTGGAG
	3301	GCCGAGGCGG	CCGTGCGGGC	CGGCACGGCC	GTGGACTTTA	TCTGGACGGG	CAACCCGCGG
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	3481	TCGGGCGGGG	GGCGGGCGGG	GGTCGGGCGG	GGGTGCGGCG	GGGGTGGGGC	GGGGGTCGGG
	3541	CGGGGGTTCG	GCGGGGGTTC	GGCGGGGGTC	GGGCGGGGGT	CGGGCGGGGG	TCGGGCGGGG
10	3601	GTCGGGCACT	AACCGGGGGC	TCCCGTCTCT	GTCTCCCTCT	GCAGTGGACT	ACGTCCCGCC
	3661	CGCCCCCGCA	AGAGCGCCCC	GGCGCGGGGG	CGGCGGTGCG	GGGGCGACCC	GCGGAACCTC
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	3781	CGCCCCGTTG	CGGGCGGGGG	TGGGATCTGG	GTCTGGGGGC	GGCCCTGCCG	TCGCGGCCGT
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15	3901	GGTGGGCGAA	GACGCCGCGG	CGGCGGAGGG	CAGGACGCCC	CCGCGGAGAC	AGCCCCGCGC
	3961	GGCCCAGGAG	CCCCCATAG	TCATCAGCGA	CTCTCCCCCG	CCGTCTCCGC	GCCGCCCCCG
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	4141	GCGCGTCCGG	AGTCCGCCCC	GCGCCGCCGC	CGCCCCCGTG	GTGTCTGCGA	GCGCGGACGC
20	4201	GGCCGGGCCC	GCGCCGCCCC	CCGTGCCCGT	GGACGCGCAC	CGCGCGCCCC	GGTCGCGCAT
	4261	GACCCAGGCT	CAGACCGACA	CCCAAGCACA	GAGTCTGGGC	CGGGCAGGCG	CGACCGACGC
	4321	GCGCGGGTTC	GGAGGGCCCG	GCGCGGAGGG	AGGACCCGGG	GTCCCCCGCG	GCACCAACAC
	4381	CCCCGGTGCC	GCCCCCACG	CCGCGGAGGG	GGCGGCGGCC	CGCCCCCGGA	AGAGGCGCGG
	4441	GTCGGACTCG	GGCCCCGCGG	CCTCGTCCTC	CGCCTCTTCC	TCCGCGCCCG	CGGCTCGCC
25	4501	CCTCGCCCCC	CAGGGGCTGG	GGGCCAAGAG	GGCGGCGCCG	CGCGGGCCCC	CGGACTCGGA
	4561	CTCGGGCGAC	CGCGGCCACG	GGCCGCTCGC	CCCGGCGTCC	GCGGGCGCCG	CGCCCCCGTC
	4621	GGCGTCTCCG	TCGTCCAGG	CCGCGGTCGC	CGCCGCTTCC	TCCTCTCCG	CCTCTCTCTC
	4681	CTCCGCCTCC	TCCTCTCCG	CCTCTCTCTC	CTCCGCTTCC	TCCTCTCCG	CCTCTCTCTC
	4741	CTCCGCCTCC	TCCTCTCCG	CCTCTCTCTC	TGCGGGCGGG	GCTGGTGGGA	GCGTCGCGTC
30	4801	CGCGTCCGGC	GCTGGGGAGA	GACGAGAAAC	CTCCCTCGGC	CCCCGCGCTG	CTGCGCCGCG
	4861	GGGGCCGAGG	AAGTGTGCCA	GGAAGACGCG	CCACGCGGAG	GGCGGCCCCG	AGCCCGGGGC
	4921	CCGCGACCCG	GCGCCCGGCC	TCACGCGCTA	CCTGCCCATC	GCGGGGGTCT	CGAGCGTCGT
	4981	GGCCCTGGCG	CCTTACGTGA	ACAAGACGGT	CACGGGGGAC	TGCGTGCCCG	TCCTGGACAT
35	5041	GGAGACGGGC	CACATAGGGG	CCTACGTGGT	CCTCGTGGAC	TAGACGGGA	ACGTGGCGGA
	5101	CCTGCTGCGG	GCCGCGGCCC	CCGCGTGGAG	CCGCCGCACC	CTGCTCCCCG	AGCACGCGCG
	5161	CAACTGCGTG	AGGCCCCCCG	ACTACCCGAC	GCCCCCGCG	TCGGAGTGGA	ACAGCCTCTG
	5221	GATGACCCCG	GTGGGCAACA	TGCTCTTTGA	CCAGGGCACC	CTGGTGGGCG	CGCTGGACTT
	5281	CCACGGCCTC	CGGTGCGGCC	ACCGTGGTTC	TCGGGAGCAG	GGCGCGCCCC	CGCCGGCCCG
	5341	CGACGCCCCC	GCGGGCCACG	GGGAGTAGGG	GGAGCTAACA	CTCGGCTTGC	TGCCCCAAGG
40	5401	AAGCCGCCCC	CCACCGGACC	ACCGGCCGAG	GCGCCTCGGG	GGCAGGGGGA	GGTGGGGGGG
	5461	GGGAAAGACG	GGGAGGAGAC	AGGAAGTGGG	GGTGGGAGTG	GGGGGGGGGG	ACGGACACGG
	5521	CCCCGAACAG	CAACACACAT	CAGCATTTTG	TTATGGACTT	TCTGGCCTTG	TTGAAACTTT
	5581	GAGGAAAAAA	AAAACTTTAT	ATTTATAAAA	ATTTTACAAT	AAAGTTTTTG	GATGCTTTTG
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45	5701	GGAAGGGAGG	AGGAGGAGGG	GGGGCGGGCA	CGAGAAGCCG	CCCCACCCCC	CGAGGCCTGT
	5761	TGGTCTTTAT	CATAGAACAG	AGCCGGGGCC	CGGCCTCGTT	CTGGCTCCCT	GTCTTGGTGG
	5821	GTGGGCGGGC	TGGCTGGCGG	GTAAAAAAG	AGTGTGTCCG	TGTTGACAGG	GAGGGGGGGC
	5881	CGATCGTGCA	GAGCACGCAC	GTC'TGGCCCG	CCAGACCCTG	GGGGTGGTGG	GCAGGAGTGG
	5941	GAGGGCGCCT	GGCTCGGGGA	GGGAGGAGGG	GGGGGGTTCAG	CCGCACCACC	GGCGCGAAGC
50	6001	CAGGGGCCAG	GGAACCTTGA	TAGAGAGGGG	GGAAAGTGGG	GCGGGGGCGA	GGGCGGTTGA
	6061	ATCACAACGC	ATGCACGCCC	TCTGCCCCCG	GGGACGGGTG	GGGAGAGGGA	GGAGGGAGAA
	6121	GAGGAAGACC	GAGGCATGCA	CCCGCACTTA	CGCCCGTGCC	CACCCCCGCC	CCGGCGCCCA
	6181	CCCCGCCCCG	ACACCTGCCC	GCCACGCCCC	CCCCTCTCTA	CCCTGGCTGG	GAGAAAGGAG
	6241	GAGGAGCAGG	AAGAGGAGAC	CCGAGGCATG	CAACCGCACT	CACCCCACCC	CGCCCGCACA
55	6301	CCTGCCCGCC	ACGCCCCGCC	CTCCTTACCC	TGGCTGCGGG	GAGACTCCCA	TCGGGGCGAG
	6361	GGGGCTCGCG	CGTTCGCAAC	ACCACACCAC	ACCACACGGC	CCACCACAAC	ACGGCCCAAC
	6421	ACGACACAAC	ACGACACGAC	GCGTTTTGCG	GGGCATGCAA	GTCGACACAC	CGCGCGCGTG
	6481	CCTACCTTTC	CCTAGCGGCC	CCGGCCCCCG	GCCCCGTTTC	TTCCGCCACC	ACTACCACCA
	6541	CCCCCCCCGC	CGCGCCACG	CGGTAGAGGA	AGGGGACGGG	CGCCACACCC	ACGGCTGTGG

	6601	CCGGGCACGC	GCCTTTGGGG	TTGTTGGGGG	GGGGTGACCG	GCGCGTGGGG	GCGGTGGGCG
	6661	TACGGGCCCG	ACCCGCGCCT	GCCCCCCCG	GAACGACGAC	GGGGGGGGGG	GAAACGGGGG
	6721	TGGGTGGAAG	GGAAGAGGAA	GGAGAAAGGG	GGGGTGGATC	CGAACACGCC	GGATCCGCGA
5	6781	AAATAATAAC	AAAACAAACA	AAAACAGAAA	CAAAAACAAA	AACACCTAGA	AAAAAAGGAT
	6841	ACGGGTGGC	TCGCGGGCGG	TGCGGCTGAC	CTGCC'TGCCC	TTTCTGGGAC	CCCCGCC'TCG
	6901	TGTTTCTTGA	AAGGGGGAGG	AAGAACAGTT	CTCCCCCAAC	CCCTGCTCTC	TTCTCTCTTC
	6961	CGCCCGCCCC	CCCCCCTCT	CCCCGCCGCG	TCAGCAGAAG	CTCACCTGTA	CGACCCTAAA
	7021	CCTACCTGCG	AGAACGCGCG	GCGTTCGAGG	GGCGCGCTCT	CTCACACGAG	ACACACGCGAG
	7081	GCGCCCCCCC	CCCCCGGAGC	CTGGGTCCCC	CGGCGGACGG	CTCACGCGGC	GCGGCGTCTC
10	7141	GGTGGGACGC	GGGCAAAGGG	CGGCGGCGGC	GGGGGGGGGG	GGGGGAAATG	TGAGGAGAGC
	7201	GAGACAGAGA	GAGAGAAGGA	AGAGGGAAGG	GGCGCGGCGG	GACGGGGGAA	GACGAGGAGA
	7261	AGGGAAGGGG	CGAGGGTCGG	GCCCCGGGAGC	GGGGCGGCC	GGGAGGGAGA	AGAAACGGAA
	7321	CGCGGAAACG	CCGCCGGCGC	GGCCCCGGGGC	CCCGGGGCC	CCGCGCTCCG	CCGGGGGCC
	7381	GGGCCGGACC	GCCGGGCGGG	GGACGCCTTC	CGCCGCGCGC	CGGGCGGCTA	CCCGGGACCC
15	7441	CCGGCCGGGA	ATCGAAAAA	GCCTCCGGGG	GCCCC'TTTCG	CGCCTTTCGC	GAACGCGCGG
	7501	CGCCGGAGGG	GGCGGCCGCG	GAGGTGCGGG	GGCCCCTCGG	GCCGGGCGCG	ACCTCGGCGG
	7561	CCAAGCCCCG	GCCCCGCCGG	GGGTCCCCGA	GGCAAGAGGC	GGACCCTCGG	AGGCGCGGAA
	7621	GAAGACGGGA	GGCGGGGGAA	AAAAGGGGGA	AGAGAGGGGG	AGGTAGGGAG	GGGAGAGGAG
	7681	AAGGGCGCGC	CGGTGCGCGG	AGCAGCCTTC	CTTCTCCGGA	GTCCCTCTCG	ATCGGCGGCG
20	7741	GGCCCTGCG	TTCGTTGCTG	CCGCGCCCC	GG'TTTTATAA	AGACAGGGAT	GACGCAGCAG
	7801	AAATGCCCCAC	AGCAACACGC	GGGCGGGGCT	CGGGCTCTCC	GGCGGCTTAA	TGGATCTCCG
	7861	GGCACGGCGC	CCGCAACCGC	AGAGCACTCA	GCTGGCGCGC	CCCCCCCCAA	CGTGGGAGTG
	7921	TTTAATGGAA	GGGCGTGGGG	CCGGCCGCCG	GATGCCCGCG	GGGGCCTAAT	GCGGCGGGAG
	7981	CCGTGGGCCG	CTGGCGCCCG	GGCCCGTCTG	CTGGCCCGCG	GCCCGTCTGC	TGGCCCGCGG
25	8041	CCACGTAAAC	AATGACACAG	GGGTCTCTCT	CGCCGCGGCC	GCGCGGGGCT	GTTGCGGGCC
	8101	CGGCCCCGCC	CCGGAGCCCC	CGGCGCTGCT	CGGCTGCGGC	GCGGGGCTCC	GGGGGCTCCG
	8161	CACTCTGCCC	GGCTCGCCCC	GTCCCCCTCT	TTGCTGCTTT	TCCGCGCGCC	TCTCTTTCCC
	8221	GTTGCTTTCC	CTCTCCCCC	CCCCCCTCT	CTCTCTCTCT	CTCTCTCTCT	CCGCCATCCT
	8281	CCCGCCCGGC	CGCCCACTCC	CCGCTCGGCC	TCTCCGGCTG	CGGTGCTTGG	GTCTCCTTCG
30	8341	TCGGGCGGCG	GGGGGGGGGC	GTGCGGACTC	GCGGAGGGCC	GGAGAATGGA	AGGCGAGGGG
	8401	ATGCAGGAGG	AGGATCGGGA	CTCCCCATCT	TCTGCCCTTC	CATCCTCCGT	TTTTCGGCTT
	8461	TCCACCGCCG	CCGCCACCAC	CCCCCCTTCC	TTCGCCCGCC	CGCCTCGCCC	CGGACCCCTC
	8521	CCCCCGGTGT	TCCCCCATC	GTTCAACCAC	ACGCCCCCA	CCGCGCCTTG	GCTGTTTGGG
35	8581	GGGTGGCGGC	GGTGGTCGGC	GTGCTGCCGG	AGGCTGCGGG	CGCGGGTAG	GTCGGTGGG
	8641	GGGTGGTGGG	GGGGGGCCCC	GCTGCGTCTC	GCCGCGATCC	CGCCGGTGGG	GCGGCGCGGC
	8701	GGTCGGGGTG	GGGGGAGAGT	GTGCTGGGTG	TGTTTTCGTG	TCCCCACCA	CCACTCCAC
	8761	CCCGACCGCC	GCCGCGCCCC	CGTTTCTGCC	GCCCGCGCGC	TCCTGTGTGG	ACCCCGGGGT
	8821	GGGCGGCGGG	GGGGGGTGCC	GTGGGTGTGG	CGGCGGGGCG	CGGGCCGGGG	CCGGGGCTCG
	8881	CTGGTCCGCC	GAAGTAAAGA	AAAGATCGCC	ACCGTGTGTT	CGTCTGTGTG	TTCTGCGCGG
40	8941	CGCCGGGGCC	CCC'TGCCGG	GCGGGGCGGT	GGGGCGGGGT	CGGGGTGCGG	GCGGGGAAGG
	9001	AAGGAAAGAC	CCCGGAAGCG	CCGGGAGGGG	GCGCCGGCGC	GACGCGGGCG	GCCGGGCGGG
	9061	GGCGCGCGGC	GGCCGGGCGG	GGGCGCGCGG	CGGCCGGGCG	GGGGCGCGCG	GCGGCCGGGC
	9121	GGGGGCGCAC	GGCGGCCGGG	CGGGGGCGCG	CGGCGGCCGG	GCGGGGCGCG	CGGCGGCGCG
45	9181	GGCGGGGGCG	CGCTT'TCCCC	GCGTCGCCCC	TCGGGTTC	AAGACCTATC	ACGTGTGCGC
	9241	AGGGGAGGGG	AGGACGCGGG	GGAGGGGAGG	ACGCGGGGGA	GGGGAGGACG	CGGGGGATAT
	9301	ATAAAGCGGT	AGAAAGCGCG	GGAATGGGCA	TATTGGACCC	GCGTGATTCTG	GTTGCTCGCG
	9361	GTTGTCTTGT	TTGGACGTTT	TTTATGCGGG	AACAAGGGGG	CTTACCGGTT	ACACTGTCCG
	9421	CTCGCTATGG	GTTTCGTCTG	TCTGTTTGGG	CTTGTCGTTA	TGGGAGCCTG	GGGGGCGTGG
	9481	GGTGGGTAC	AGGCAACCGA	ATATGTTCTT	CGTAGTGTTA	TTGCCAAAGA	GGTGGGGGAC
50	9541	ATACTAAGAG	TGCCTTGATC	GCGGACCC	GCGGACGATG	TTTCTTGGCG	CTACGAGGCC
	9601	CCGTCCGTTA	TTGACTATGC	CCGCATAGAC	GGAATATTTT	TTGCTATCA	CTGCCCGGGG
	9661	TTGGACACGT	TTTGTGGGA	TAGGCACGCC	CAGAGGGCGT	ATCTGGTTAA	CCCCTTTCTC
	9721	TTTGCGGCGG	GATTTT'TGGA	GGACTTGAGT	CACCTCTGTGT	TTCCGGCCGA	CACCCAGGAA
	9781	ACAACGACGC	GCCGGGCCCT	TTATAAAGAG	ATACGCGATG	CGTTGGGCAG	TCGAAAACAG
55	9841	GCCGTCAGCC	ACGCACCCGT	CAGGGCCGGG	TGTGTAAACT	TTGACTACTC	ACGCACTCGC
	9901	CGCTGCGTCG	GGCGACGCGA	TTTACGGCCT	GCCAACACCA	CGTCAACGTG	GGAACCGCCT
	9961	GTGTGTCGCG	ACGATGAAGC	GAGCTCGCAG	TCGAAGCCCC	TCGCCACCCA	GCCGCCCGTC
	10021	CTCGCCCTTT	CGAACGCCCC	CCCACGGCGG	GTCTCCCCGA	CGCGAGGTCTG	GCGCCGGCAT
	10081	ACTCGCCTCC	GACGCAACTA	GCCACGTCTG	CATCGCAAGC	CACCTTGGGT	CGGGAGCAGG

	10141	ACAGCCGACC	CGTCTAGCGG	CCGGGTCGGC	TGTCCAGCGT	CGTCGCCCTA	GAGGCTGTCC
	10201	GCCGGGCGTG	ATGTTTTCCG	CATCTACGAC	CCCCGAACAG	CCCCTGGGGC	TGTCGGGCGA
	10261	TGCGACGCCG	CCCCTGCCGA	CTTCCGTGCC	CCTGGACTGG	GCCGCGTTTC	GGCGCGCGTT
5	10321	TCTGATCGAC	GACGCCTGGC	GGCCCCCTGT	GGAGCCGGAG	CTCGCGAACC	CCCTAACCGC
	10381	GCGCCTCCTC	GCGGAGTATG	ACCGTCGGTG	CCAGACCGAA	GAGGTGCTGC	CGCCGCGGGA
	10441	GGATGTGTTT	TCTTGGACGC	GGTATTGTAC	CCCCGACGAC	GTGCGCGTGG	TTATCATCGG
	10501	GCAGGACCCG	TACCACCATC	CCGGCCAGGC	GCACGGCCTG	GCGTTTAGCG	TGCGTGCGGA
	10561	TGTGCCGGTG	CCTCCGAGTC	TACGGAACGT	GCTGGCGGCG	GTTAAAAATT	GTTACCCCGA
	10621	CGCGCGCATG	AGCGGCCGCG	GCTGCCTGGA	AAAGTGGGCT	CGCGACGGCG	TGCTGTTGTT
10	10681	GAACACGACC	CTGACCGTCA	AGCGCGGGGC	GGCGGCGTCC	CACTCCAAGC	TTGGATGGGA
	10741	CCGTTTTGTG	GGCGGGGTGG	TCCAACGGCT	GGCCGCGCGC	CGCCCGGGCC	TGGTCTTTAT
	10801	GCTCTGGGGC	GCCCATGCCC	AGAACGCGAT	CAGGCCCGAC	CCTCGCCAAC	ACTACGTCCT
	10861	CAAGTTTTCT	CACCCGTGCG	CCCTCTCCAA	GGTCCCCTTT	GGGACGTGCC	AGCATTTTCT
	10921	CGCCGCGAAT	CGTACCTCG	AAACCCGGGA	CATTATGCCG	ATCGACTGGT	CGGTATAAGA
15	10981	TGCCGACATC	CGGGGTCTTG	ATTTACGAGG	GGGCAATTAA	TAAAGACTGT	TGATGGTTAA
	11041	ATCTCGGGTC	TCATACCGGT	CCGTGATGTC	GGGCGTGGGG	GAAGAGAGGG	TCCCTCTGTC
	11101	GTTTACTATC	CTTGCCCTCGT	GGGGCTGGAC	GTTTGCAACC	CAGAACCATG	ATCCTGGCGC
	11161	GTCGCCGAAT	ACGACGCCCA	TAGAGTCGAT	TGCGGGGACC	GCACCGGACG	CGCACGTGGG
	11221	GCCTCTCGAC	GGAGAGCCGG	ACCGGGATGC	GATCTCCCCG	CTTACGTCTG	GCGTGGCCGG
20	11281	CGACCCGCCG	GGGGCGGACG	GCCCCCTACG	CACCTTTGAT	ACTCTGTTTA	TGGTATCTTC
	11341	GATCGACGAA	CTGGGGCGCC	GCCAGCTCAC	GGATACGATC	CGTAAGGACC	TGCGGCTGTC
	11401	GCTGGCCAAG	TTCAGCATCG	CGTGTACCAA	GACCTCGTCG	TTTTTCGGGG	CGGCCGCGCG
	11461	CCAGCGCAAG	CGCGGAGCAC	CGCCGCAACG	CACATGCGTA	CCACGCAGCA	ACAAGAGCCT
	11521	CCAGATGTTC	GTTTTGTGCA	AGCGCGCCAA	CGCCGCGCAG	GTGCGCGAGC	AGTCGCGGGC
25	11581	GGTTATTCCG	TCGCGCAAGC	CGCGCAAGTA	TTACACGCGG	TCCTCGGATG	GGCGGCTCTG
	11641	CCCGGCCGTC	CCCGTGTTTG	TACACGAGTT	TGTTTCGTCC	GAACCCATGC	GCCTCCATCG
	11701	AGATAACGTC	ATGCTGTCTA	CGGAACCAGA	CTAAGCACCC	CCGCCGTCCC	CTTTCTTTTC
	11761	CCCCTACCC	TCCCCCGTTA	CTGATGTGTT	GTACGTTTCA	ATAAATAACA	CGTAGCTTAT
	11821	TTTGTGGGAT	GATGGATTGA	TTGATTTTAT	TGACCGTTTC	TTCCGCCGGC	GGTGCCGTCG
30	11881	CCGCGCGCAG	AGGGAATATG	CAAGCGGGCG	GGGTGGGGAG	GAAAGAAGGT	TTCAGGTTCC
	11941	GGGGGTGGG	TCTGCGTCGT	CCAGGGTGGG	GCTGATCTGA	ATTTCCCGCA	GAACCTCGAC
	12001	CAGTAGGTC	GTTGTGTTTG	CTGGGAAC	GCCCGCCGTT	GGGGATACGG	GGGCGGGGGG
	12061	TGTGTCTGGG	CGGACGTCCA	GGGGTGCCTT	ATCGCACCCC	CGCGCCGCTT	CGGGGGCCGT
35	12121	CCCGTAGATC	GTTGCGGTGA	TGTATGTTGT	GTCCGGGGTC	CACACCACCT	TCAGGATGCC
	12181	GGCCGTGCGA	CTCCGGACGC	TTTCGCCGTG	CGATGAGCTG	ACCCAGGAGT	CAAAGGGGTA
	12241	CGCGTACATA	TGGGCGTCCC	ACCAGCGCTC	CAGCCTCTGG	GTACTAGCGC	GTCCTATAAA
	12301	GCGGTATGCG	CAAAATTCCG	CACGACAGTC	GATAATCACC	AGCAGCCCCG	TGGGGGTGTG
	12361	TTGTATCACC	ACGCCTCCGC	GGGGCAGGCG	GTCTTGCGCG	GCTCGACCCC	GCGTCAGAAC
	12421	CGCGCGCGTC	CCTGACTCAA	ACACGTGCAC	CACCTGTGCC	GCGTCCGGCA	GCGCGCTCGT
40	12481	TAGCGACGCC	CTGGGGTGAT	GTAGGCTGTA	CGCGATGGTC	GTCTGGGGGT	TCCCCATGTC
	12541	TCGGGGGGGT	GGGGGTGAAT	GTCACCCGGC	CCGGGTGCGG	TGGGAACGCG	AGGGAATGGA
	12601	GGGTTAATAG	ACAATGACCA	CATTTCGATC	GCGTAGAGCA	GATAGTATGT	GCTCGCTAAT
	12661	GACGTCATCG	CGTTCGTGGC	GCTCCCGGAG	CGGGTTTAGA	TTTCATGTGA	GGAACTCGGA
45	12721	TGAGGTGGTG	CGGGACATGG	CTACGTACGC	GCTGTTTAGG	CGCAGGTTTC	CGGGCGTGAA
	12781	GCATATGGCG	ACCTTGTTCA	GACTGAGCCC	CTGGGAGCGC	GTGATGGTCA	TCGCGAGTTT
	12841	GGAGCTGATG	CCGTAGTCGG	CGTTGATGGC	CATGGCCAGC	TCCGTGGAGT	CGATCGACTC
	12901	GACAAACTCA	CTGATGTTGG	TATTGACGAC	AGACATGAAG	CCGTGCTGGT	CCCGCAGGAC
	12961	GATGTAGGGC	AGGGGGGACT	CCTCCAAGAA	CTCGGCCACG	CCGGCCGTCG	CGTGCCGCCG
50	13021	CCGCAGCTCC	TCCGCGAACG	CGAACACCCG	GGTGTACGTG	TACCCCATCA	GCGTGTAGTT
	13081	GTCCGTCTGC	AGGGCCACGG	ACATCAGCCC	CCCGCGCGGC	GAGCCGGTCA	GCAGCTCGCA
	13141	GCCCCGGAAA	ATGACATTGT	CCACGTAGGT	GCTGAAGGGG	GCGCTCTCAA	ACACCTCCCC
	13201	GAAGAGCTCC	CGTAGGATAA	GGTATCGCCC	CAGAAAGGCC	CTCTTCAGGA	GCCCAAACCTG
	13261	GGCGTGACG	GCCGCGGTGG	TCTCAGGCTC	TTCGAGGGCG	TAGTGGCAGT	AGAACACGTC
	13321	CAGCTGCTGT	TCGTCCAGCC	CGGCGAAGAT	AACGTCAAGG	TCGTGCTCGG	GGAAGTCGTC
55	13381	CGGGCCCCCG	TCCCGCGGGC	CCAGGTGCTT	AAAATTGAAC	GCACGCTCCC	CCGGAGAGCG
	13441	GTCGCTGGTG	TCGGCGGGCC	TGGTTGCCGA	TGCGCCGGCG	GCGTCCCGGC	GTCGCGACAG
	13501	GAGTTCTGCC	GTCAGCTCCC	CTAGGCGGCC	GTCAGGCGAG	GTCCTCTGGG	TCGCGTCCAG
	13561	GCCGGGGCGC	TGGAGAAAGT	TGTAAAAGTG	AATCAGCCCC	CCGAACATGA	GCCGCGACAG
	13621	GAACCGGTAG	GCGAACTCCA	CCGAGGTCTC	CCCCTGGGTC	TTACAGGAGC	TGTCGTGCGG

	13681	CAGCACAGCC	TCGAAGGTCC	GAAACGTCCC	GTCGAACCCA	AACACCATCT	TTCGGAGGCG
	13741	CGCGGTACC	GCGACCTGGC	TGTTGAGGAC	GTACGTGATG	TCGTTCCGGG	CCACGACTAG
	13801	CTGTTGCTTG	CTGTGCACCT	CACAGCGCAC	GTGCCCCGCG	TCCTGGTCCT	GACTCTGGGA
	13861	GTAGTTGGTG	ATGCGACTGG	CGTTGGCCGT	GATCCACTTT	TCCATGGTCA	GCGTGGGTTG
5	13921	CTGCGTGAGC	CGTCGATACT	CGTCAAACTC	TTTGACCGAC	ACAAACGTGA	GCACGGGGAG
	13981	GGTAAACACA	ACAAACTCCC	CCTCGCGAGT	CACCTTTAGG	TAGGCGTGGA	GCTTGGCCAT
	14041	GTACGCGCTG	ACCTCCTTGT	GGGACGAGAA	CAGCCGCGTC	CACCCCGGAA	GGTTGGCCGG
	14101	GTTGGTGATG	TAACTTTCCG	GGACGACAAA	GCGGTCCACA	AACTGCATGT	GCTCCTCGGT
	14161	GATGGGAAGG	CCGTACTCCA	GCACCTTCAT	GAGGTTCCCG	AACTCGTGCT	CCACACATCG
10	14221	CTTGTTGTTA	ATGAAAATGG	CCCAGCTGTG	CGAGAGGCGC	GTGTACTCGC	GTAGGGTGCG
	14281	GTTGCAGATG	AGGTACGTGA	GCACGTTTTC	GCTCTGCCGG	ACGGAGCATC	GCAGTTTTTG
	14341	GTGTTCTGAAG	GTGGACTCCA	GCGAGGCCGT	CTGGGTGCGC	GACCCACAGC	ACACCAGCAC
	14401	CGGCCGAGG	CGGCCGCGT	ACTGGGGGGT	GTGGTACAGG	GCGTTAATCA	TCCACCAGCA
	14461	ATACACCACG	GTCGTGAGTA	GGTGCCGCCC	CAGGAGCCCG	GCCTCGTCGA	TGACGATAAT
15	14521	GTTGCTGCGG	GTGAAAGCCG	GCAGCGCCCC	GTGTGTGACC	GAGGCCAGGC	GCGTGAGGGC
	14581	AGCCTGGCCC	AGCCCCAAG	TCTGCTCTAG	GGCGGTGAGG	GCGTGGAACT	CGTTTCGCGC
	14641	GTCTTCGCCC	CCGTGCGCCG	CCAGGGCCCG	CTTGGTGATG	TGAGGATCA	CCTCCAGTA
	14701	GTACGTCAGG	TCTCGCCGCT	GCAGGTCTTC	CAGCGAGGCG	GGGCTGCTGG	CCAGGGTGTA
	14761	CGGGTGCTGC	CCCAGCTGGG	CCTGGACGTG	ATTCCGCGCA	AACCCGAACT	CGTGAAGAT
20	14821	GGTGTGATG	GGTCGACTCA	GAAACGCCCC	CGAGAGCTTA	ACGTACATGT	TCTGCGCCGC
	14881	GATTGCGGTG	GCGCCCGTGA	CCACGCAGTC	CAGGACCTCG	TTGAGGGTCT	GCACGCACGT
	14941	ACTCTTTCCG	GATCCGGCGT	TGCCGGTGAT	GAGATACGCC	GCGAACGGAA	ACTCCCGGAG
	15001	CGGCAGGCCG	GTCGGGACCT	CCAAGGCCGC	CACGTCCCGG	AACCACTGCA	GGCGCGGCAC
	15061	CTGCGTGACG	TCGAGCTGCT	GCTGCGAGAG	CTCTCGGATG	CGTGCAGATG	TTGGTTGGAC
25	15121	CCCGTGCATG	GACGTAAATG	TTAAAAACGC	CTCGTCCCTG	AACCCACGCG	CGGTCCTGGC
	15181	CCCGGGCTGC	TGTGGGGGCG	GACCTGGTGC	CCGGACGTCC	CGCGAGCCCT	CCCCGCCGGA
	15241	CGCCGCCATG	GCCGCACAGC	GCGCGCGGGC	GCCGGCGATG	CGGACGCGGG	GCGGCGACGC
	15301	GGCGCTATGC	GCCCCGAGG	ACGGCTGGGT	GAAGGTTTAC	CCCACCCCGG	GGACGATGTT
	15361	GTTCCGCGAG	ATTCTCCTCG	GGCAGATGGG	GTACACCGAG	GGTCAGGGGG	TGTACAACGT
30	15421	CGTCCGGTCC	AGCGAGGCCG	CCACCCGACA	GCTGCAGGCG	GCGATCTTCC	ACGCGCTCCT
	15481	CAACGCCACG	ACGTACCGGG	ACCTGGAGGA	GGACTGGCGC	CGCCACGTGG	TGGCCCGCGG
	15541	CCTCCAGCCG	CAGCGGCTGG	TTTCGAGGTA	CCGGAACGCC	CGGGAGGGCG	ATATCGCCGG
	15601	GGTGGCCGAG	CGGGTGTTTC	ACACGTGGGC	ATGCACGCTC	AGGACGACGC	TGCTGGACTT
	15661	TGCCCACGGG	GTGGTAGACT	GCTTTGCGCC	GGGCGGCCCA	AGCGGACCGA	CCAGCTTCCC
35	15721	CAAATATATC	GACTGGCTGA	CGTGTCTGGG	GCTGGTTCCC	ATATTGCGCA	AGACGCGCGA
	15781	GGGGGAGGCG	ACGCAGCGCC	TGGGGGCGTT	TCTCAGGCAG	CACACGCTGC	CCCGGCAGCT
	15841	GGCCACGGTC	GCCGGGGCCG	CGGAGCGCGC	CGGCCCGGGG	CTTCTGGATC	TGGCCGTGCG
	15901	GTTTCGACTCC	ACGCGCATGG	CGGAATACGA	CCGCGTGCAC	ATCTACTACA	ACCATCGCCG
	15961	GGGGGAGTGG	CTGGTGCGCG	ACCCGCTCAG	CGGGCAGCGC	GGCGAGTGCC	TGGTGCTGTG
40	16021	CCCCCCCCCTG	TGGACCGGCG	ACCGCCTGGT	CTTCGATTCT	CCCGTTTACG	GGCTGTGCCC
	16081	CGAGATCGTC	GCGTGCCACG	CCCTCCGGGA	ACACGCGCAC	ATCTGCCGTC	TGCGCAACAC
	16141	CGCGTCCGTC	AAGGTGCTGT	TGGGGCGCAA	GAGCGACAGC	GAGCGCGGGG	TGGCTGGCGC
	16201	CGCGCGGGTC	GTCAATAAAG	CGCTGGGGGA	GGATGACGAG	ACGAAGGCCG	GCTCGGCCGC
	16261	CTCGCGTCTC	GTGCGGCTCA	TCATCAACAT	GAAGGGCATG	CGCCACGTGG	GCGACATCAA
45	16321	CGACACGGTA	CGCGCCTACT	TGGACGAGGC	GGGGGGGCAC	CTGATCGACA	CCCCCGCCGT
	16381	CGACCACACC	CTCCCTGGGT	TCGGCAAGGG	CGGCACCGGC	CGCGGGTCGC	GCCCCAGGA
	16441	CCCGGGGGCG	CGACCGCAGC	AGCTTCGCCA	GGCGTTTCAG	ACGGCCGTGG	TCAACAACAT
	16501	CAACGGCATG	CTGGAGGGCT	ATATCAATAA	TCTCTTTGGA	ACCATAGAAC	GCCTGCGAGA
	16561	GACGAACGCG	GGTCTGGCGA	CCCAGCTGCA	GGCGCGCGAC	CGCGAGCTGC	GGCGCGCCCA
50	16621	GGCGGGGGCG	CTGGAGCGGG	AGCAGCGCGC	GGCGGACCGG	GCGGCCGGGG	GAGGCGCGGG
	16681	CCGCCCCGCG	GAGGCGGATC	TTCTCCGGGC	CGACTACGAC	ATTATCGACG	TCAGCAAGTC
	16741	CATGGACGAC	GACACGTACG	TGGCCAAACAG	TTTCCAGCAC	CAGTACATCC	CCGCGTACGG
	16801	CCAGGACCTC	GAGCGCCTGT	CGCGCCTCTG	GGAGCACGAG	CTGGTGCGCT	GCTTCAAGAT
	16861	TCTGCGCCAC	CGCAACAAGC	AGGGCCAGGA	AACGTCGATC	TCGTACTCTA	GCGGGGCGAT
55	16921	CGCCTCCTTC	GTGGCCCCGT	ATTTCGAGTA	CGTGCTTCGC	GCCCCCGAG	CGGGCGCGCT
	16981	CATCACCGGC	TCCGATGTCA	TCTTAGGGGA	GGAGGAGTTA	TGGGAGGCGG	TCTTTAAGAA
	17041	AACCCGCTTG	CAGACGTACC	TGACAGACGT	CGCGGCCCTG	TTCTGGGCGG	ACGTACAGCA
	17101	CGCGGCTCTG	CCCCGGCCCC	CCTCCCCAAC	CCCCGCCGAT	TTCCGGGCGA	GCGCGTCCCC
	17161	GCGGGGCGGG	TCCCGGTCCC	GGACCCGGAC	CCGATCCCGG	TCGCCCGGGA	GAACGCCGAG

	17221	GGGTGCGCCG	GACCAGGGCT	GGGGCGTCTGA	ACGCAGGGAT	GGCCGACCCC	ACGCCCGCCG
	17281	ATGAGGGAAC	GGCCGCCGCC	ATCCTCAAAC	AGGCCATCGC	CGGGGACCGC	AGTCTGGTCG
	17341	AGGTGGCGGA	GGGGATCAGC	AACCAGGCGC	TGCTGCGCAT	GGCCTGCGAG	GTGCGCCAGG
5	17401	TCAGCGATCG	CCAGCCGCGG	TTTACCBCGA	CCAGCGTCCT	GCGCGTTGAC	GTCACCCCCA
	17461	GGGGGCGGTT	GCGGTTTCGTT	CTGGACGGGA	GTTCGACGA	CGCGTACGTG	GCGTCGGAGG
	17521	ATTACTTTAA	GCGCTGCGGG	GACCAGCCGA	CGTATCGCGG	TTTTGCGGTC	GTCGTCCCTCA
	17581	CGGCCAACGA	GGACCACGTG	CACAGCCTGG	CCGTGCCCCC	CCTCGTTCTG	CTGCACCGGC
	17641	TCCTCTTGTT	TCGCCCCACG	GACCTCCGGG	ACTTCGAGCT	CGTCTGCCTG	CTGATGTACC
10	17701	TGAGAACTG	TCCCCGGAGC	CACGCCACGC	CCTCGCTGTT	CGTCAAGGTG	TCGGCGTGGT
	17761	TGGGGGTCTG	GGCCCGCCAC	GCGTCTCCCT	TCGAGCGCGT	CCGCTGCCTT	CTCCTCCGCA
	17821	GTGCGCACTG	GATCCTGAAC	ACGCTAATGT	GCATGGCGGG	CGTGAAGCCC	TTCGACGACG
	17881	AGCTAGTCCT	GCCCCACTGG	TACATGGCCC	ACTACCTGCT	GGCCAACAAT	CCGCCCCCCG
	17941	TCCTCTCGGC	CCTGTTTTTG	GCCACCCCGC	AGAGCTCTGC	GTTGCAGTTG	CCCGGGCCCC
15	18001	TCCCCCGCAC	GGACTGTGTG	GCCTATAACC	CGGCCGGCGT	CATGGGAAGC	TGCTGGAATT
	18061	CCAAGGACCT	GCGTTCGGCT	CTGGTGTATT	GGTGGCTTTC	GGGGAGCCCC	AAACGACGGA
	18121	CCTCGTCTG	TTTCTATCGG	TTTTGCTAAC	TCCGGAAAAT	AAACGTGTTT	TTTATGGAAC
	18181	GTTCCTCCAC	TGTCGTGTCA	TCTCTCGGGG	GATGGTGGTG	GGCCTGTGTG	TGTGTCTTGT
	18241	GCACCGAAGG	AGGAAAGTGG	GGGGGTGGTG	GTGCTGGTGG	TGGAAGACA	TGATAGAGGG
20	18301	AACAAAGAAA	TAGAAGAAAA	CCACAACCGG	CGCGTGCCAG	TAAATACGGA	CGCGCGCACA
	18361	CGCGGGGGGT	AAGTTGGAGC	ACGGGGCCCC	GGTTTATTGA	CCAAATTCAG	GGAAACAGAA
	18421	ACCGAATCTT	TTCATCGAAA	GGGTACACAA	AGCTCCCGCC	CTCGCCCCAC	ACGCCTTCCA
	18481	GAACCCCCGT	AAACACCAGT	TGAATCTCGC	GCAGGATCTC	GCGCAGGTGA	TGGGCGCAGT
	18541	CCACGGGGGG	GAGCACCAAG	GGCCGCGGGT	ACAGATCCAC	GGGGACGCCG	ACCGACTCCC
25	18601	CGCCCCCGGG	ACATACGCGC	ACGACGCGTC	TCCAGTATTG	CTCCGCGTCC	AGCAGGGCGC
	18661	CTCCGCGGAA	GGCCGTTTGG	GGCAGGGGGT	CGTCGGCCTC	GCCTGGGGGG	GTGAGAGCGC
	18721	TCAGTACTC	CGCGTCCAGA	CGCCTCCCGA	AGGCATCCAG	GACAAAAGCG	TCACAGGCGT
	18781	CTTCCATGAC	GCCCCGGGCC	GCGCACACGG	CCTCCTCCGG	CGGGCCGGCG	GCCGGCCGCC
	18841	GGAGGATTCT	TCTCAGCGCG	TCGCGCATAA	CCTCGGCCGC	CGCGGCGTAC	GCGGCCCCGC
30	18901	GGAGAGGAAA	TCCCTGCAGG	AAGTCGGTGT	CATCGCGGGA	GTTCCAGAAC	CACGCCCCGG
	18961	TC'TGGCTCCA	GGTGACGACG	TGGGTGTAGA	CGCCCTCTGG	CGCCAGGGAG	GGGGCGAGGC
	19021	GCGGGCGTAT	GCCGTTGGCC	GAAAGTACGG	CGCGCACGGA	CGCCTCGAGG	GCCCCGCGGG
	19081	CGTCCTGGAT	CGCGCCGTGC	GCGGCGTCCG	CGTCCCCGGG	GTCCACGTTG	AACAGCCCCC
	19141	AGAAGCAGAG	CCCGGTGCCG	CCGCAGACCG	CAAACCTTAC	CGAGCTGGCC	GTCTGCTCGA
35	19201	TC'TGCAGGCA	GACGGCGGCC	ATGACCCCGC	CGAGCAGCTG	CCGGAGCGCG	GGGCAGGCGT
	19261	CGCACGCGTC	CGGCACCAGG	CGCTCCAGCA	CGGCCCGGGC	CCAGGGCTCC	GAGGGGGCGG
	19321	CCGCCACCAG	CGCGTCCAGC	CTTTCCAGGC	CCGCCCGCCC	CCGGGCTTCC	GGCAGCCCGG
	19381	CTTCCCCGAG	GCCCCGCGAG	GCGGCCAGGA	GCTGGGCCTG	GAGCCCGGAG	AAACAAAACC
	19441	GCGCCGTCCA	GACCGGCCCC	ACGGCCGCCG	GGGGGTCTGAG	TAGTTGGATG	GTGGTGGCCG
40	19501	TGGGGTGCCA	CCGCGCGACC	GCTTCCCGAA	AGGCGGGCAG	GAGGCGGCCG	GCCGCTCCG
	19561	AGGCCACGGC	CGGCCATGCC	CGCGGGGGCA	GGACGACCCT	GGCGCCCACC	GCGGGCCAGG
	19621	CCCCCAGGCA	CGCGGCATGG	GTGGCCGCGG	CGCCCCGCAC	CAGGTACACG	GCCGACTCGG
	19681	CGCGGGCGGC	GGCCGGCAGG	GTAACGTGG	GCCAGCCCGG	AAATCCAGC	ACGGCAAAGT
45	19741	AT'TGGACGGG	CCCTCCCCGG	ACCTCAAACC	CGGGCCCCAG	AAAAGCGAAG	ACGGGGGCCA
	19801	GGGCTCCGGG	GGCGGCGTGG	ACCGTGGTAT	GCCACTGCCG	GAAGAGGGCG	ACCAGCGCCG
	19861	GGGCGGAGAA	CCCGTCGCCG	GCGCTCACGA	AGTAGTCGTA	GCCGCGCGGC	AGCAGACCCC
	19921	GCGCCGTGAC	CCGCTGCGGG	TGTCCGCGGG	GCCGCAGGCC	GACCTCGCAC	ACCTCGACCA
	19981	GG'TCCGCGAA	GGCGCCCTCC	TTCTTGGTCG	GCGGAAACGC	CAGGGTGGTG	TATTCGCGCG
50	20041	CAAAACGCGC	GGTCTTCGTC	GTGATGGTGA	CGGCGAGCGA	GGCGGAGGAC	GCGCACTGGG
	20101	GGCTGTCTCG	AATGGCGGCC	AGGCGCGCCC	ACGCCAACCG	CGCGCCGGGG	TGCTCGGCCA
	20161	CGCGCGCGGA	CAGGGCCAGC	GGGTCTGACG	CGACCTTGGC	CTCCACGTCC	AGGAGGGCGG
	20221	CGCGAGGAGC	GGCCGGCGGG	CCCCACGACG	CCCTTTTCGAC	CCTCACGACC	AGACCCGTCT
	20281	CGGGGTCCCA	GCCCAGGCGC	AGCGGGACGA	AGAGGGCCCA	CCGGCCCTCT	TGGCGCTCCA
	20341	GGGCCGCCAG	AACGCACGCA	TACAGCGCCC	GCCACAGGGT	CGGGTCCCCC	AGGGGCTCCA
	20401	GCGGGGAGGC	GGCCGGGGCC	GTGCGGGCGC	GGGCGGCCGC	GACGGCCCCG	GGGGCCGAGA
55	20461	CGTCGGGGGA	GCCGTAGAAG	TCCTGCAGGT	CGGACGAACC	AACGGACACC	TCCGCGAAGC
	20521	GCGCGCGCGC	CTCCCCCGCG	GCGTCGCGAC	AGACCAGATA	CAGCAGGGCG	TGGAGGCAGT
	20581	CGCGCGTGCG	CGGGGGCAGC	CATACCGCGT	ATAGGGTAAT	GGCGCTGACG	CTCTCTCCA
	20641	CCCAAACGAT	GCCGGGGGCT	TCCATGCCAC	GACGCCCGGG	GGTTGCCGTG	TATCGAACGA
	20701	GCGCGGCCCC	AGACTTATAG	GGTGCTAAAG	TTACCCGCCC	CCTGCATCAT	GGGCCAGGCC

	20761	TCGGTGGGAA	GCTCCGACAG	AGCCGCCTCG	AGAATGATGT	CAGTGTGTTGGG	CTGGGCGCCG
	20821	GAGGCGTGCG	TGCGCAAGCA	GCGCCCCAC	GCGGGCGCGC	GCAGCTTGAA	GCGCGCGCCC
	20881	GCAAACCTCC	GCTTATGGGC	CATCAGCAGC	GCGTACAGCT	GTCTGTGCGT	CCGGCAGGCG
5	20941	CTGTGGTCTGA	TGCGGTGGGC	GTCCAGCAGC	TCCACGATGG	CTCGCTTGGT	GAGGTTTTTA
	21001	ACGCGCCCCG	CCCCGGGAAA	CGTCTGCGTG	CTCTTGGCCA	GCTGCACCCC	GAACAGTTTCG
	21061	CCCCAGATGA	TCTTGAACAG	CGACAGCGCG	TGCTCCGTCT	CGCTCACGGA	CCCGCGCGGG
	21121	GGGAGCCGC	TCAGGGCGTC	GGCCACGCGC	TTAACCGCGT	CCTCCGACAG	CAAGGGGCGG
	21181	TCGGTACAGT	TACAGTGGCC	CAGTTCGAAC	ACCAGCTGCA	TGTAGCGGTG	GTAGTGGGGG
	21241	TTCAGCAGCT	CCAGCACGTC	CTCGGGGCTA	AAGGTTTCGCC	CCGACCCCCC	GGCCATCGAG
10	21301	TCCCACCTGCA	GGCACGCGGC	CATGGTGCTG	CACAGACGGA	ACAGCTCCCA	GACGGGGGCG
	21361	ACGTTTAGGG	TGGGGTGTAG	GGCCACAAGC	TCCAGCTCTC	CGGCGGCGTT	GATCGTGGGG
	21421	ATGACGCCCG	TGGCGTAGTG	GTCTGTAAGC	CGCCGGAAGA	TGGCGCTGCT	ATGGGCGGCC
	21481	ATGGGGACGC	GAAGACAGGC	CTCCAGCAGC	ACCAGGTAGA	TGAACCGCGT	GCGGCCGACC
	21541	AGGCTGTTGA	GGCCGCGCAT	GAGCGCGACC	ACCTCGGCCG	GCGCGACGTC	CGGCCGGAGG
15	21601	TACTTTTCGA	CGAAAAGGCC	CACCTCCTCC	GTCTCGGCGG	CCTGGGCCGA	CAGGGACGTG
	21661	TCGGGGTCCT	GGCAGCGCAG	CTCCCGCAGA	TCCCGCTGGG	CCCTCAGGGC	ATCAAAATGT
	21721	ATCCCCCGCA	AAAACAGACA	AAAGTTCCTC	GGGGTCAGCG	CGGCGTCGTG	GCCCCAGAAC
	21781	CGCACGTGCA	TGCAGTTGAG	GGTCAGAAGC	ATGTGGAGGA	TGTTAAGACT	GTCCGCGAGG
	21841	CACGCCAGCG	TGCACCTCTC	GAAGTAGTGC	TTGTACCGGA	ATTTGCTGTA	GATGCGCGAC
20	21901	CCCCGCGCCT	GCGCCGCGTC	GGCGTGCAGC	GCGTGCAGC	GCCCTTTGAA	CCGGCGGCAC
	21961	AACAGGTTTCG	TCACCTGGGA	AAACTGTGCC	GGCCACTGCC	CGCTGGCGCT	CACCACGTGG
	22021	TTGAGCAGCA	TGGGCGTAAA	GACGGGCTCC	GAGCGCGCCC	CGGACCCGTC	CATGTAGATC
	22081	AGCAGCTCCC	CCTTGCGGAG	AGTCCGTACC	CGCCCCAGCG	ACTGGTACAC	GGACACCATG
	22141	TCCGGCCCCG	AGTTTCATGG	TTTCACGTAG	GCGAACATGC	TGTCAAAGTG	CGGCGGATCG
25	22201	AAGCTAAGGC	CCACCGTCAC	GACCGTTGTG	TAGATGACCA	CCCGGTACCG	CCCCCATGTG
	22261	GTCACGTCGC	CGGGCGGGGT	GAGCGAGTGG	AGCAGCAGCA	CGCGTCCGT	AAACTGCCGG
	22321	CAGAACCTGG	CAACGACCTC	CGCGAAGGAG	ACCGTCGACG	AGAAGATGCA	GACGTTATCT
	22381	CCGCCGGCCA	GGCGCGCCTC	CAGCTCCCCG	AAGAAGGTGG	CGTCCGGGGG	GGCGTCCGGG
	22441	GGGGGCGCCC	CGCCCGCCGG	CCCCCGGCGG	CGCAGGGCCG	CCTGCAGGAC	CTCGGGCCCC
30	22501	AGGCGCGGGA	GAAACAGACA	ACGGCGCGCC	GAAAATCCGG	GCATGGCGTA	CTCCCCGATG
	22561	ACCACGTGAA	CGTTCTTTTC	GCCCCGGAGG	CTGCACAGAA	AGTCCACCAG	CTGCGCGTTG
	22621	GCGGTGGCGT	CCATGGCGAT	GATCCGCGGG	CACGTGCGCA	GCAGGCGCAG	CATCAACGCG
	22681	TCGACGCGGC	CCAGCTGCTG	CATCGTCGGG	GAGTACAGTT	GGCCCAACGT	CGACATGACT
	22741	TCGTCCAGGA	CGAGCACGTC	GTAGTTGTTT	AACAGGTTTC	GGCCACGCG	ATGAAGACTT
35	22801	TCCACCTGCA	CGATGAGACG	GTGGAAGGGG	CGGTGCTTCA	TGATGTAATT	GGTGGATGAG
	22861	AAGTAGGTGA	CGAAGTCGGG	CAACCCTGAC	TCAGCGAACC	GCGTCGCCAG	GGTCTGAGTA
	22921	AAACTCCGAC	GACAGGAGAC	GACCAGCACA	CTCGTGTCCG	GAGAGTGGAT	CGCTTCCCCC
	22981	AACCAGCGGA	TCAGCGCGGT	AGTTTTTCCC	GAGCCCATTC	GCGCGCGGAC	CACAGTTACG
	23041	CACCGGGCCG	TCGGGGCGCT	CGCGTCCGGG	AAGGTGACGG	GTCCGTGTTG	CTGCCGCTCG
40	23101	ATCGTTGTTT	TCGGGTGGAC	CCGGGGGAACC	CACTCGGCCA	AATCCCCCCC	GTAAAGCATC
	23161	CGCGCCAGCG	ATACACTCGA	CGTGTACTGC	TCGCACTCGT	CATCCCCGAT	GGGACGCCGG
	23221	GCCCCCAGGG	GATCCCCCGA	GGCCGCGCCG	GGCGCCGACG	TCGCGCCCCG	GGCGCGGGCG
	23281	GCGTGGTGGG	TCTGGTGTGT	GCAGGTGGCG	ACGTTTCATC	TCTCGGCCAT	CTGCGTCGTG
	23341	GGGCTCCTGG	TGCTGGCCTC	TGTGTTCCGG	GACAGGTTTC	CCTGCCTTTA	CGCCCCCGCG
45	23401	ACCTCTTATG	CGAAGGCGAA	CGCCACGGTC	GAGGTGCGCG	GGGGTGTAGC	CGTCCCCCTC
	23461	CGGTTGGACA	CGCAGAGCCT	GCTGGCCACG	TACGCAATTA	CGTCTACGCT	GTTGCTGGCG
	23521	GCGGCCGTGT	ACGCCGCGGT	GGGCGCGGTG	ACCTCGCGCT	ACGAGCGCGC	GCTGGATGCG
	23581	GCCCGTCGCC	TGGCGGCGGC	CCGTATGGCG	ATGCCACACG	CCACGCTAAT	CGCCGGAAC
	23641	GTCTGCGCGT	GGCTGTTGCA	GATCACAGTC	CTGCTGCTGG	CCCACCGCAT	CAGCCAGCTG
50	23701	GCCCACCTTA	TCTACGTCCT	GCACTTTGCG	TGCCTCGTGT	ATCTCGCGGC	CCATTTTTCG
	23761	ACGAGGGGGG	TCCTGAGCGG	GACGTACCTG	CGTCAGGTTT	ACGGCCTGAT	TGACCCGGCG
	23821	CCGACGCACC	ATCGTATCGT	CGGTCCGGTG	CGGGCAGTAA	TGACAAACGC	CTTATTACTG
	23881	GGCACCTTCC	TGTGCACGGC	CGCCGCCGCG	GTCTCGTTGA	ACACGATCGC	CGCCCTGAAC
	23941	TTCAACTTTT	CCGCCCCGAG	CATGCTCATC	TGCCTGACGA	CGCTGTTTCG	CCTGCTTGTC
55	24001	GTGTGCGTGT	TGTTGGTGGT	CGAGGGGGTG	CTGTGTCACT	ACGTGCGCGT	GTTGGTGGGC
	24061	CCCCACCTCG	GGGCCATCGC	CGCCACCGGC	ATCGTCGGCC	TGGCCTGCGA	GCACTACCAC
	24121	ACCGGTGGTT	ACTACGTGGT	GGAGCAGCAG	TGGCCGGGGG	CCCAGACGGG	AGTCCGCGTC
	24181	GCCCTGGCGC	TCGTGCGCGC	CTTTGCCCTC	GCCATGGCCG	TGCTTCGGTG	CACGCGCGCC
	24241	TACCTGTATC	ACCGGCGACA	CCACACTAAA	TTTTTCGTGC	GCATGCGCGA	CACCCGGCAC

	24301	CGCGCCCATTT	CGGCGCTTCG	ACGCGTACGC	AGCTCCATGC	GCGGTTCTAG	GCGTGGCGGG
	24361	CCGCCCCGAG	ACCCGGGCTA	CGCGGAAACC	CCCTACGCGA	GCGTGTCCCA	CCACGCCGAG
	24421	ATCGACCGGT	ATGGGGATTG	CGACGGGGAC	CCGATCTACG	ACGAAGTGGC	CCCCGACCAC
5	24481	GAGGCCGAGC	TCTACGCCCG	AGTGCAACGC	CCCGGGCCTG	TGCCCGACGC	CGAGCCCAT
	24541	TACGACACCG	TGGAGGGGTA	TGCGCCAAGG	TCCGCGGGGG	AGCCGGTGTA	CAGCACCGTT
	24601	CGGCGATGGT	AGCCGTTTTG	TTCGTTTTTA	TAAACCGACG	TTGTGCGTTT	CACCATACTT
	24661	CGGCGCGCGT	GTGTGTGTGT	TTTTTTTTTT	GTGGTGTTTA	TTTTCCCCC	ACCCCTTCCT
	24721	TTTCTTTCGG	CCACCACCCC	CCTCCTCCCC	CGTACTATAC	AACAAAAAAT	ACCACACATA
	24781	CGACCAAATA	CGGACAATCA	TTTCTGTCTT	TATTGCTAT	CAGAGAGTGG	GGGCGTGAGC
10	24841	GTGGCAGGAG	GGCGGGCCAC	GTCGGGGTCC	CGCCGTCTGG	TGTGACGCGA	TGGGGGGTCC
	24901	GATGCGCGCC	GGTACTGGGG	CCCCGGCGCC	CGGGTGACCA	CGCGCACGTC	GGGGGGCACG
	24961	TAGAAGTTAC	CCTCTTCTTC	GGACTCGATG	TCCACGACGT	CAAAATTCGTG	GGCGGTCAGC
	25021	GAGACGACCT	CCCCGCCGTC	GGTGGTGATG	ACGTTGTGTC	GGCAGCAGCA	GGGCCGCGCC
	25081	CCGGAGAACG	CGAGGCCCAT	AACTTGCGCA	GCGTATCGTC	GAAGGCCAGG	CGGCTGTTTC
15	25141	GCCGGATGTC	CCGGTAGATC	CCCGGCTCGA	CGCGGACGGG	GGTGATGATC	AGGGCGATCG
	25201	GAACGGCCTG	GTCCGGGAGG	ATCGATGCCT	TGGCGGGTCC	GGGGGCCCGG	CCAGGCCCGG
	25261	CGGGCGCTCC	GCGGCCGTCC	TCCAGGCGGA	ACGTCACGCC	CTCCTCCCGC	CCCGCGCGGT
	25321	GCCTGCCGAG	GAACGTCACC	AGGTGCGGTT	GCAGGGGGCA	GTCGGGAAAG	TGGCTGTGCA
	25381	GGACGTATCC	CTGCACCAAG	ATCTGTTTGA	AGTTTCGGGTG	GCGGGGGTTG	GCGAAGATGG
20	25441	GCTCGCGGCG	AACCAGCTCC	CCGGAGCTCC	AGGCCACGGG	AGAGATGGTG	CGACGCTCAA
	25501	GGTCGGGGAC	GCCAAACAGA	AGCACCTCCG	AGACAACGCC	GCTATTTAA	TCCACCAGCG
	25561	CCCGATCCGG	GGCGGAGCAT	CGCCTTTTTT	CGCCGGCGGC	GCGGGAATCG	AGCCAGTCCC
	25621	GGTCTTGGGT	GACGAGCGCC	TCCTCCGGGC	CCGGAACCGC	CCCGGGCGCG	AAGTAGCGCA
	25681	CGCGGGGGTT	GGGGATGGAC	CGGATGAACG	CCCGGAACGC	CTCCGGCGAT	CGCCGCGCCA
25	25741	TCAGGTCTTC	GTACGCGGAG	CGCGGGGGG	GCGCGGGTCC	GCGCGGGTCC	AACGCGTACT
	25801	TGGCTCGGCA	CTTAACCTCG	TAGAAGGCCA	GGGGGGTCTG	GGGGGCGGGG	CCAGGTAGC
	25861	CGTGAGGGTC	CCTGGGGCAC	ACGAGGATGT	CCAGGGACGC	CCCCACCATG	CCCGTGTGGC
	25921	CGTCCATGAG	GACCCCGCAC	GCGTGACAGT	TCTCCTCGGC	GAGGTCCCCG	GGTTGGTGAA
	25981	AGACGAAGCG	CCCGGCGTCG	GCGTCGTCTG	TGACGCCCCG	GTCCGCGCGG	CCCACGCGAGT
30	26041	AGCGAAACAG	CAGGTTTTCG	GCCGTCGGCT	CGTTACCCCG	CCCGAACATC	ACCGCCGACG
	26101	ACTGGGCGTC	CAGCCGCGAG	CTGGCGTTGT	GGGTGAGCCA	CTGGGACGAG	AAGCACGGAC
	26161	CCTGCGCGCC	CCACCGCAGC	GTGGAGGCGG	TCGTCAGGCC	CCGCCGAAGC	AGGGCCCAGA
	26221	CGTCGAGTC	GGCCTGGTTT	TGCGTCGCGG	CCTCGTAAAA	TCCCATAAGC	GGGCGGGGGG
	26281	CGACGGCTTC	GGCGGCGGAC	GGGGGGGCGC	GCGCGGTCAG	GCGCCAGAGG	TGCCGGCCGA
35	26341	GCCGCGGGTC	CACCATGCCG	GCCGCTTCCA	GCGACACGAC	GAGGGAGCAC	AGATAGTCCA
	26401	GGCGAGCCCA	CAGGGGCCCG	ATGGCCAGAG	GGGAGCGGAC	GCCGCGCAGC	AGGCCGCGCA
	26461	GGTGGCGCTC	GAACGTTTTCC	GCCAAGATAT	GGGGGGGCGC	TGCGTTGGGG	ATCGCCGACG
	26521	CCGACCACAT	CGGGTCGGGG	TCCGGGGGAC	CGGGGCTGCA	GTCCGGGTCTG	ATGGCGTGTG
	26581	CGCCCCCGCG	CGAGAGGGGA	ATGTCGGGGG	TTGGCGGGCC	GGATGAGGCC	TCAGAGAGGG
40	26641	CCGGGGACGC	GGGCCGGGCC	TTTTCGCCCC	GGGCCCGGCC	GTCGGGTTGC	CCACGTGGGG
	26701	GGCTCTGGGG	CCAATGGGAA	CCCGGGGCCC	CCGGTGACGT	GGGGCGGGGT	GGGGCGGGGC
	26761	GGGGCCCCAA	GACGGTCGCC	AGATCTAGGC	TGTTGGGTCTG	GGGCCGCTTC	GGGGGACTAT
	26821	CGGGGTGCGG	GGCGGGGTCC	GCGGGGCGCT	TGGCGCCGGG	TGTTGCGGCG	GCCGCCATTT
	26881	TTACGAGCAG	CCGAAGAGCT	CGAGGGCGGA	AGGGATCCTC	ACGACAGAGA	GTGGCGCGCG
45	26941	GCCGGGTTGG	CGTGACAGAG	GCGGGAGACC	AGCACCAGCA	GCGGCCCTCAG	CTCGGGCGGC
	27001	AGCGACACCG	ACGACAGGAC	GGCCTTGTGC	GTGCGCTGGT	AATTTATACA	CTGCTCCGTG
	27061	AACGCGCGCC	GAATCTTGGG	ATTGCGAAGG	TGGCGCCGGA	TGCCCTCCGG	CACGTCATAC
	27121	GCCAGGCCGT	GGGTGTTGGT	CTCGGCCGAG	TTGACAAAGA	GGGCGGGGTG	CAGAACGCAG
	27181	CGATAGGCGA	GGAGGGCCAC	GGCAAAGTCC	GGCGAGAGCT	GGTTGTTAAA	GTAAGGTAG
50	27241	CCCGGGACGC	GGGTACGCGG	GACGCCCAGG	CTCGGGGCCA	CGTACACGCT	AACCAGCAGC
	27301	TCTGACAGCG	TCTGCCCCAG	GGCGTAGAGA	TCGACCGCCA	GCCCCAGCTC	GTGCTTCAGG
	27361	GGGCGGTTGT	TAAACTCGGC	CCGCTCGTTG	TTGAGGTACT	TTACCGAGAG	CTCCGGTGGC
	27421	TGGTTGTACC	CGTGCCCCAC	CAGAGTGTGA	AAGTTGGCCG	TGGTCAGGGC	GGCGGGCATC
	27481	CCAAACCCCC	GGGGGGGACTC	GAGGTCCGGC	TCCTGGAGGC	AAAAGTGGCC	CCGGGATATC
55	27541	GTGGAGTTGG	AGTTCAGGGT	CACCAGGCTA	AAGTCGGCCA	GGACGGCCGG	CCGGAGCGAC
	27601	ACCGCGTCCG	ATCGCAGCAT	CACGAGGACG	TTGGCGCACT	TGATGTCCAG	GTGGCTGATC
	27661	CCGCACCTGG	TGTTTCAGGAA	CACCACGGCG	CGCGCCAGGT	CTGTGAAGCA	GTGGTGGAGG
	27721	GCCGTCGCGA	CGGAGGGGGT	GGTCGCGCGC	AGGGACGCCA	GCTGGCCGAT	GTAAGTGGCG
	27781	AGGTCCATGT	CGTACGCGGG	GAACACGATC	TGGCGCTGCT	GCAGCGAGAA	CCCGAGCGGG

	27841	GTGATAAAGC	CGCGGATGTC	GTGGGTGCGG	CCGCCGCGAA	GAGCGCACTC	CCCCACGAGC
	27901	AGGGTCGCGA	CGAGCTCCAC	GGCAAACCAC	TCTTTTTCCC	GGATGGTCTT	CACGGCGAGC
	27961	TTGTGTTTCG	GAATCAACTG	CACCTCGCCG	TACCCCCCGG	AGCCCCCGAA	GCTGCGGGCC
5	28021	CCGGGGATCT	CCAGGGTCGT	GTAGCGGAGG	GCGGGGTTGA	CGGCGAATAC	GGGGATGCAT
	28081	AGCTTGTGGA	TGCGCGCGAG	GGACAGGATG	TGCGAGGGGG	GCGACGGGGG	CGAGGTCATG
	28141	GCCGTCTCGG	ACCTGCGCAG	GGGCGGGCGC	CTTAGCTTGG	CCGCAGGGCC	GGGGGCCCTCG
	28201	GGGGACGAGC	GGCGACGAGA	CGAGCGGCTC	ACTCGCCATC	GGGACAGTCC	CGCGCGAAGC
	28261	CGCTCCCGGA	AGCTGGATCG	GCGGCGGGAC	CCGGGGCGGG	CTCCGAGAGC	GGCGCCGTCT
	28321	CGGGGGGAGG	GGCCGCTTGG	GCGTCCGGAC	GCCCGGCGGC	TGAGGGAGTG	TATGTAGGAC
10	28381	GCGAGCCAGG	CCTTGAAGGA	GCGTCCGTGT	GCACCTTGGG	GGCTGATGTC	AGCTGCCACA
	28441	TGACTAGCAG	GTCGCTGTCT	CCCGGACTCA	TCCATCCGTC	CGCCAGGTCG	CCGTCCCCCC
	28501	ACAGAGACGC	GTTCGCCGCG	GCCTCTTTCG	GCTGCTCCTC	CTGGTCCGCA	AGACGATCGT
	28561	CCGCCGCGTC	CAGGCGCTCG	CTAAGCGCGG	GATCGAGGTA	CCGTCCGTGT	GCGGTTAGAA
	28621	AATCACGTCG	CGCCGCTTGG	TCTTCCACGC	GAATTTTAAC	ACAGGTCGCT	CGCTGTCGCA
15	28681	TCATCTCTAA	GCGCGCGCGG	GACTTTAGCC	GCGCCTCCAA	TTCCAAGTGG	GCCGCCTTGG
	28741	CGGCCATAAA	GGCGCCAACA	AACCTAGGAT	CTTGTGTACT	CACGCCCTCC	CGGTGTAGCT
	28801	GCAGGGTCTG	GTCCCTGTAC	ACCTCGGCCC	GGAGGTGCGT	CTCGGCCAAA	CGTCGGCGCA
	28861	GGGCCGCGTG	GCTGGCGTCT	CGGCTCATCT	CGCCGCCCCC	GCGCGCGCCC	GACGTCGGAC
	28921	TCCTTCGCCC	CGACCCCCCT	GACCTCAGCC	GCCCCGCGCT	CGCCCGCGAT	GTTTGGCCAG
20	28981	CAGCTGGCGT	CCGACGTGCA	GCAGTACCTG	GAGCGCCTGG	AGAAACAGAG	GCAACAGAAG
	29041	GTGGGCGTCG	ACGAGGCGTC	GGCGGGCCTG	ACGCTCGGCG	GCGATGCGCT	GCGCGTCCCT
	29101	TTTTTGGATT	TTGCCACCGC	GACGCCCAAG	CGCCACCAGA	CCGTGGTCCC	GGGCGTCGGG
	29161	ACGCTCCACG	ACTGCTGCGA	GCACTCGCCG	CTCTTCTCGG	CCGTGCGCGG	GCGGTTGCTG
	29221	TTTAATAGCC	TGGTGCCTGG	GCAACTCAGG	GGGCGTGACT	TTGGGGGCGA	CCACACGGCC
25	29281	AAGCTGGAGT	TCCTGGCCCC	CGAGCTGGTG	CGGGCGGTGG	CGCCCTGCGC	GTTTCCGGAG
	29341	TGCGCGCCGG	AGGACGCCGT	GCCCCAACGC	AACGCCTACT	ACAGCGTCCT	GAACACGTTT
	29401	CAGGCCCTGC	ACCGCTCCGA	AGCCTTTTCG	CAGTTGGTTC	ACTTCGTGCG	GGACTTCGCC
	29461	CAGTTGTTGA	AAACCTCGTT	CCGGGCCCTCT	AGTCTCGCGG	AGACTACGGG	CCCCCGAAG
	29521	AAACGGGCCA	AGGTGGACGT	GGCCACCCAC	GGGCAGACGT	ACGGCACCTT	GGAGCTCTTC
30	29581	CAGAAAATGA	TACTAATGCA	CGCGACCTAC	TTTCTGGCCG	CCGTGCTGCT	CGGGGACCAC
	29641	GCGGAGCAGG	TCAACACGTT	CCTGCGGCTC	GTGTTTCGAGA	TCCCCCTGTT	TAGCGACACG
	29701	GCCGTGCGGC	ACTTCCGCCA	GCGCGCCACC	GTGTTTCTAG	TCCCCAGGCG	CCACGGAAAG
	29761	AGCTGGTTTT	TGGTGCCTCT	CATCGCGCTG	TCGCTCGCGT	CCTTCCGGGG	GATCAAGATA
	29821	GGCTACACGG	CCCACATCCG	CAAGGCGACC	GAGCCCGTGT	TTGATGAGAT	CGACGCCCTGC
35	29881	CTGCGGGGCT	GGTTTGGCTC	GTCCCGGGTG	GACCACGTCA	AGGGGGAAAC	CATCTCGTTC
	29941	TCGTTCCCGG	ACGGCTCGCG	CAGCACGATC	GTGTTTGCCT	CCAGCCACAA	CACGAACGTA
	30001	AGTACGCCCT	CCTCCCGCGG	TGCCTGTTTC	CCCGGTGCCG	CCCTCCCCGA	GATCGACCGA
	30061	CAGACAAACA	CAGCCAGACG	CGAGTGTGGG	ACGACACGCC	CGCAGCCCCC	CCCCCGCCAT
	30121	GGCGGGGGGG	AAGCCTTACT	GTTTATTTGT	AATCGGACGA	TGAGGCTCTG	GCCACGGCCC
40	30181	GCGCGACCGC	GGGGCAGCTC	GTTGCAAACA	GGCGGCTGGT	ATACGATGAC	AGAACGCAGA
	30241	GGCGCCACCC	GGCGCTGGTC	GGGCGGATGA	CGCTTTCGCG	GCCGTCCCGG	CCCACGACGA
	30301	CCTCGTCGAG	GTGGGCCGTG	ATGCGCGGGC	GGCGGGTCGC	CTGCCGCGAG	ATAACCGCGT
	30361	CCACGGGGTG	CCCGAAGAGG	AGCTGACACA	GGCTCGCGTC	CCCCCGGACG	GCCAGGGTGC
	30421	GCTGGGCCAT	ATTGGACCAC	ATGCACGGGG	CGACGCAGGG	ACAGGCCTCC	GCCACGGCGG
45	30481	GGGCGCGCCA	CAGCGCGTTG	GCGGAATCGA	TGTGGGCCGT	CGGGGCGCAG	GCGCCGCCCT
	30541	CTCCCGGGGG	GTCGGTAATC	CTGGATAGCA	GCCATCCTAA	ATGGCGGGCC	CGGCTGCCCG
	30601	GGGGACAGAG	CGACCCAGG	TCATCATCCA	TGGCCAGCA	GTATATGCGG	CCGCCGGGGA
	30661	GGTGCCACCA	GGCCCCCGGA	CCCAGGGCAC	AGCACGCCCC	GGATTCCGGG	GCCGTGTCCG
	30721	TGGGTACCAG	GTAGGCGCCG	TCGAGCTCGT	GGGCCACGGG	CTCGTCCCGG	AGCTGTTCCG
50	30781	CGGCGGGGTC	GGGGGTTTTCC	TCCGGGGGGG	AGGCAGCTTC	CAGGTGGCCG	AAGGCTAGGG
	30841	TGCACAGCAG	CGGGGTCCGG	GGGGTCCGTTA	CGCTGCGGAG	TGGACGGTG	GCGCAGTAGC
	30901	GGCGCTCGCG	GTTAAAGAAG	AAAATGGCAA	AGAACGTGTT	CGAAGGCAGG	CGCAGCGCCT
	30961	TGGGCCGCGT	CAGGTACAGG	AAGATCTCGC	AGAAAAGGGC	ACGCTCGGGG	TCGGGGTCCG
	31021	GAAGGGCCAC	CTGGCACAGC	GGCTCGGTGA	GGACCGTGAG	GCACCGAAAA	ATCTTAAGCC
55	31081	GCTCGTCCCC	CCGAACGACG	CGCCACACGA	AGACAGAGTT	GGCGATGCGC	GCGACGAGGT
	31141	CGGCTTCGGG	CCCCGGGTCT	GGGGCGCGCG	CGTCGGGGGG	GGCGCCCCCG	TGACCCGGCG
	31201	GGGCCGCGGC	TCCCGGGGGG	CCTGGCGTCT	CCTGGGGACG	CCAGAGTGCC	CGCTGTGCCA
	31261	GGTTGGTGGT	GGGGAAGGGA	CCGAGACGCG	ACAAAAGCA	GAGGGGCCAG	GCGGTGTATG
	31321	AGTTGGGGGG	GGGGTGGGTG	AGCGGTGGAA	CAAAAGCACG	CGTCAGCGGA	CAAGGCCGGG

	31381	TCCCGTAGCC	GCCCCGCGAC	AGAACCGGAG	TCCGACGGCA	CGCGCGACGG	GGTCTGCGAG
	31441	GCTGAGGTAC	GCCGCGGTGT	TAATGGTAAA	CGCAAAGCCT	CCCGGAAAAGA	CCACTAGCCC
	31501	GCAGAGGCGG	CGATTGAACC	CAAGGCAGAG	GTACGCGTAG	CTCTCTCCCG	GAAGGTATTG
5	31561	CTCGCAGACC	CTGTGTGGGG	CAGTGGAGGG	GCTGCCCTCC	ATGAAGCGAC	ATTTACTCTG
	31621	CTCGCGTCCA	TTGACGTCAC	CGTCAATCAC	CACTGCGATT	GGACGGTTGG	TGAGGCGCAG
	31681	CGTGTCTCCG	CTGGTGTCTGT	AGTAGTCAAA	CGCGTAGTGG	GCGTCGGAGT	CGGCGAAGCG
	31741	GGCGGGGGATG	TCGTGCTGA	GAGGGACGAG	CCGCGGCCGC	CGCCCCCGAC	CGCCCTGGCC
	31801	GCCCAGATGC	GCCAGCACGG	CCAGGGCGTA	CGCGGTGTGA	AAGAACGCGT	CGGGGGCGGT
	31861	CCCCTCGAGG	GCGCGCATCA	GGTTCTCCAG	GAGCACGGGG	AAGCGCCGCG	TCACCTCCCC
10	31921	TAGCCACTCG	CTCTGGTGGG	GGCCAAAGTC	GTAGCGCAGG	CGCTGGAAGA	TGCGCGGGCC
	31981	GCCTTGGAGC	GCGGCCCCGA	TAGAGTGGCC	CAGGGCCCCG	AGACACGCGA	TCTGGATGCG
	32041	CGCGACGAAG	GCCACCTCGG	CCGCGATGTC	AAAGGGCTGC	AGCACGGGGC	GCGGGTGGCG
	32101	CAGGGGTCCC	TCGAGCGCGG	GAAAGCGACG	CAGCAGCGCC	GTCTGGGCCG	CGGGGGACAG
	32161	CTGGTGGGGG	CGCACGACGC	GCTCGGCGGC	ACAGGCCTCC	GTCAGGGCCG	TGGCCAGCTC
15	32221	GGAGGACAGC	CGCGGGGGGC	GGGCGCGTCG	CCCGCCCCAC	GCCACCGAAT	TCTCGTAGGA
	32281	GACGACGACG	AAGCGCTGCT	TGGTCCCGTA	GTGATGGCGC	AGGACCACGG	AGATGGAGCG
	32341	ACGGCTCCAC	AGCCAGTCGG	GCCGGTCGCC	GCCGGCCAGA	GCTTCCACAC	CGCGTCCAG
	32401	CCACTCGACC	AGCGATCGCG	GCTTGGCGGT	CCCCGGCACG	AGGGTGAGCA	CGTCGTTGAG
	32461	GACGTCCTCG	CCCGCGGCC	GGGGGCCCCC	CCGGCTGGCA	AAGCGCCCCC	CGCCGGGCGG
20	32521	CTCCAGGCCC	GCCAGCACCG	CCTCCGCGTC	CGACGCGCCC	AGGGCTCCCC	CGCTGACGGC
	32581	CTGGTGGACC	AGGGCGCCCT	GGCGGAGCCC	CGAGGCGACG	CCGGAGGCCG	CGTGTCTGGG
	32641	GCGCGCGCGG	ACCGGTGGC	GGCGGGTGAC	GTCTTGCACG	GCCCCGTGGA	CCAGCGCGAG
	32701	GATCTCCTCG	TTCTCTTGCG	TGATGGACAC	GTCTTCCGCG	GTGGCCGTGT	CGCCTCCCCG
	32761	GGCCGTGAGC	TGCTCCTCCG	GGGAGATGGG	GGGGTCTGGG	GTGCCGACAA	CGGCCGGCCC
25	32821	GGCCCCGCC	GAGCCAGGAG	ACGCCTGGGG	AGTGGGGGTG	CCGCTTTCCC	CCATCCCCAG
	32881	GGACAGGTGG	GCCGCCGCCT	CCGTGCGCGC	GGCGGGAGCC	GCGGCCCCCA	GCCGCGCGAC
	32941	GTAGCGACAA	AAGTGGCGAC	AGAGGCGCAT	GAGGCGCGCG	CCGTGCGCCG	CGTATCGCGT
	33001	GTTTGGCGGG	ACGAGCTCGT	CGTAACTGAA	CAGGAGCACG	CGGGCACAGG	TCGCCCACGG
	33061	GCCCCACGCC	AGGCGCAGCG	CCGCGACCGT	GTACGGGTGC	TACACGCCTT	GGGCGTCGCA
30	33121	CGCGACCGGC	AGGGAGACGA	ACAGCCCCGC	CGCGCTGGGG	ACGCGCGGCA	GGAGGTCCGG
	33181	GTGCGCCGGG	ATGACGGGGG	CTAGGATCGC	CCCCACCGCA	TCCGCCGGCA	CGTAGGCGGC
	33241	AAACGCCGAA	CGCCACGGGG	TGCAGTCGCC	GGTCGCGTGG	GCCCCGGTCT	GGGTTTCGAC
	33301	CGCGAAGTTC	GCGGCCGCC	CACCGTCGGG	GCGGCCGCGC	ACAGGGCGCG	ACAGCGGGAC
	33361	CCCCGCCGCC	GCCAGGCACT	CGCTGGAGAT	GATGACGTGA	ATCAGCGAGG	CGGGGCTGCT
35	33421	CGGGTCCCGG	GTGAGATCGT	ATTGGACCTC	GTTGGCAAAG	TGCGCGTTCA	TGGCCCGGCC
	33481	GGCGGTGCGA	GCCCTTCCCG	GTGCCGGAAG	GGGCGTGGGT	GGGGGGTGCG	TGTGCGCGTC
	33541	CTCGGGGCC	GCGGGCGCAC	GTGCGCTTAT	ACGCTGTGTG	TTTCGTCTGT	CCCCAGGGAA
	33601	TCCGGGGCCA	GGACTTTAAC	CTGCTTTTCG	TCGACGAGGC	CAACTTTATT	CGCCCGGATG
	33661	CGGTCCAGAC	GATTATGGGC	TTTCTCAATC	AGGCCAACTG	CAAGATCATC	TTCGTCTCGT
40	33721	CGACCAACAC	CGGGAAGGCC	AGCACGAGCT	TTTTGTACAA	CCTCCGCGGG	GCCGCCGACG
	33781	AGCTGCTCAA	CGTGGTCACC	TATATATGCG	ACGACCACAT	GCCGCGGGTG	GTGACGCACA
	33841	CCAACGCCAC	GGCCTGTTCC	TGCTATATCC	TGAACAAACC	CGTGTTTATC	ACGATGGACG
	33901	GCGCCGTTTC	CCGGACGGCC	GATCTGTTTC	TGCCCCACTC	CTTCATGCAG	GAGATCATCG
	33961	GGGGGCAGGC	CCGCGAGACC	GGCGACGACC	GGCCCGTCCT	AACAAAAGTC	GCGGGGGAGC
45	34021	GGTTTCTGCT	GTACCGCCCC	TCCACCACCA	CCAACAGCGG	CCTGATGGCC	CCCGAGCTGT
	34081	ACGTGTACGT	GGACCCGGCG	TTCACGGCCA	ACACGCGCGC	CTCCGGCACC	GGCATCGCGG
	34141	TCGTGCGGAG	GTACCGCGAC	GATTTTCATTA	TCTTCGCCCT	GGAGCACTTT	TTCTTCCGCG
	34201	CGCTCACGGG	ATCGGCCCCC	GCGGACATCG	CCCGCTGCGT	CGTGACACAG	CTCGCCAGG
	34261	TGCTGGCGCT	GCACCCCGGG	GCGTTTCGCA	GCGTTCGCGT	GGCGGTGAG	GGCAACAGCA
50	34321	GCCAGGACTC	GGCCGTGGCC	ATCGCCACAC	ACGTGCATAC	CGAGATGCAC	CGCATCCTGG
	34381	CCTCGGCGGG	GGCCAAACGG	CCGGGGCCCG	AGCTCCTCTT	CTATCACTGC	GAGCCGCCCG
	34441	GCGGCGCGGT	ATTGTACCCC	TTCTTTCTGC	TCAACAAACA	GAAGACGCCC	GCCTTCGAAT
	34501	ACTTTATCAA	AAAGTTCAAC	TCCGGGGGCG	TCATGGCGTC	CCAGGAGCTC	GTCTCCGTGA
	34561	CGGTGCGCCT	GCAGACCGAC	CCGGTCGAGT	ATCTGTCCGA	GCAGCTCAAC	AACCTCATCG
55	34621	AAACCGTCTC	TCCCAACACC	GACGTCCGCA	TGTACTCCGG	AAAACGCAAC	GGTGCCGCGG
	34681	ACGACCTCAT	GGTCGCGGTC	ATCATGGCCA	TTTACCTGGC	GGCCCCGACC	GGGATCCCCC
	34741	CGGCCTTTTT	TCCGATCACG	CGCACGTCTT	GAGTCTTTCT	TGCCGTTTCT	TTTGTTCCTC
	34801	TTTCTTTCCC	CCCTCTCTCT	CGCAATAAAC	GCCTTCCCGG	AACTGTGTTT	CCCCCCTAC
	34861	AACAGTGTTG	TCCGTTGGTT	GGGTGGTTGG	GGTGCGGGGG	TGGGCGGGGG	AAGCAAGAAA

	34921	ACGGTCGGCG	AACACAACAT	CGGGAAAACG	GATTCCCGCA	CGTGCGTCTT	CCCAGATTCG
	34981	ACACACACAC	CCCCCTTCTC	CTTAAATAAA	CACAAACCAC	ACGCTCGTTG	GTTGGTTAAT
	35041	GCCAGCGCTT	TATTTACGTC	TTGTTTTTTT	TGCGTTTCCT	CCGCGGGTCC	CTTCCCAACA
5	35101	CGCCTGCCCC	CGCCTCAGGG	GTAGCGGATA	ACCGGGGGCCA	TGTCGCCGGA	TTGCACAACG
	35161	GCGGCGCCGT	CGAACGTACA	CACCCGAACC	GCCGGGGCCA	GGGCCAGGAT	GTCCCCGAGT
	35221	TGGCCCGCGT	GCGCCAGCCA	GGCGACCAGC	GCCTCGTAAA	GCGGCGACCT	CGGTTTCGCC
	35281	TCCTGCATCA	GCATGGGGGC	TTCGGGGTGG	ATGAGCTGGG	CGGCTTCTCG	CGTGACGCTC
	35341	TGCATCTGCA	GGAGCGCGTT	CACGTATCCG	TCCTGGGCGC	TCAGCGCGAG	CAGCCGGGGG
	35401	ATGAGCGTGA	GGATGAGGGT	GGTTCCCTTC	GTTATGGAGT	AGACCATGTT	GAGGACGAGC
10	35461	GACCGCAGCT	CGGTGTTTTAC	GGAGGCGAGT	TGCTGGACGT	CGGCCACGAG	CGAGAGACGG
	35521	GCCCCGTTGT	AATACAGCAC	GTTGAGGTCG	GGGAGCTCCC	CGGGCGTCCG	GGGGTCGGGG
	35581	TTGAGGTCCC	GGATGCCCCG	GGCGACCAGC	CGCGCGACTA	TCTCGCGGGC	CAGGGGCGTT
	35641	GGGAGCGGGA	CCGAAAACCG	CAGCGTGAGG	TCCAGCGACT	CCAGGCGCAC	GTCCGTCGCC
	35701	TGGCCCTCGA	AGACGGGCGG	GACGAGGCTG	ACGGGATCCC	CGTTGCAGAG	GTGACGGGG
15	35761	GAGGTGTTGC	GGAGATTGAC	GGTGCCGGCG	TGCGTGAGCC	CCAGGTCCAC	GGGGCAGGCG
	35821	ACGATTCCGC	TGGGCAGCAC	CCGCGTGATT	ACCGCGGGGA	AGCGCTTGCG	GTACGCCAGC
	35881	AACAACCCCA	ACGTGTCGGG	ACTAATCCCT	CCGGAGACGA	ACGATTCTGT	CGCCACGTCC
	35941	GCGAGCGCCA	GCTGGCGGCG	GATGGTCGGC	AGAAAGACCA	CTCGACCCCT	GCACCGCTGC
	36001	AGCGCCGCGG	CATCGGGGCG	CGAGATACCC	GAGGGGATCG	CGATGTCTGC	TTCGAAACAA
20	36061	TCCGTGATCA	TGGCGCCGGG	CCGCGAGACA	CCGGAACGCG	GGGGTGCGGG	AGGGCCGGAA
	36121	AGCGCAACGC	AACCGGGACG	ATGATGAAAC	AGAGATGGGG	GGCACCAGCC	GTGTGGGAGA
	36181	GGGGGCGGGG	CAGGGCTCAG	CAGCACGCAC	GGGGAGGTCT	GTCGTGCGCA	GGAGCCCCAG
	36241	GTGAGAAATCA	GTCCCCCGGA	GCTCGGGTCT	GGGTTTTATT	GGGACCTGCC	CTCGGAATCG
	36301	CGGCTCCAG	TCCAAGCCCC	CCTGGGGGGG	GCGGGGACAG	GGGGTGTTGT	TGGGTAAAAG
25	36361	CAACTCGGA	AAATCAAACC	CAATGCCCCA	AACAGGAAAA	AAAAAGACGG	GCGGGTGGAG
	36421	GGAAAGCTGG	GGAAGAAGAA	GCCAATTTTA	CAGAGACAGG	CCCTTTTAGCG	GGGAGGCGTC
	36481	GTAGATGAGA	TACTGCGTAA	AGTGGGTCTC	TCGCGCGTGG	GCCTCCCCAT	CGCGGGCGCT
	36541	GCGTAGCAGG	GCGGGGTGCG	TGGCGCAGGT	GATCGGGTAG	GCTTCCTGAA	ACAGGCCGCA
	36601	CGGGTCTTCC	ACGAGCTCGC	GGCACCCCGG	CGGGCGCTTA	AACTGCACGT	CGCTGGCAGC
30	36661	GGTGGCCGTG	GATACCGCCG	ATCCCGTTTC	CACGATGAGA	CGCTCCAGGC	AGCGATGTTT
	36721	GGCCGTGATG	TCGGCCGCGG	TGAAGAACTT	GAAGCAGGGG	CTGAGGACGG	GCGAGGCCCC
	36781	GTTGAGGTGA	TAGGCCCCGT	TGTACAGCAG	GTCCCCGTAC	GAGAACCGCT	GCGACGCCCA
	36841	CGGGTTGGCC	GTGGCCGCGA	AGGGCCGCGC	CGGGTCGCTC	TGGCCGTGGT	CGTACATGAG
35	36901	GGCTATGACG	TCCCCCTCCT	TGTCCCCCGC	GTACACGCCG	CCGGCCGCGC	GTCCCCGCGG
	36961	GTTGCAGGGC	CGGCGAAAGT	AGTTGATGTC	CGTGCCACAG	GGGGTGCGCA	TGAACTCACA
	37021	CACGGCATCC	TGCCCCGTGGT	CCATGCCGGC	GCGCCGCGGC	ACCTGGGCGC	AGCCAAAGAC
	37081	CGGGAGGGGC	TGGGCCGGCC	CCAGCCGGTT	TCCCGCCACG	ACCGCGTTGC	GCAGGTACAC
	37141	GGCGGCCGCG	TTGTCTAGCA	GCGGGGGGGC	CCCGCGGCCG	AGGTAAAAGT	TTTGGGGGAG
	37201	GTTGCCCATG	TCCGTAACGG	GGTTGCGGAC	GGTGCCCGTG	GCCGCGACGG	CGGTGTAGCC
40	37261	CACACCCAGG	TCCACGTTTC	CGCGCGGCTG	GGTGAGCGTG	AAGTTGACCC	CCCCGCCCGT
	37321	TTCGTGGCGG	GCCACCTGGA	GCTGGCCAG	AAAGTACGCC	TCCGACGCGC	GCTCGGAAAA
	37381	CAGCACGTTT	TCGGTCACGA	AGCGGTCCTG	CCGCACGACG	GTGAACCCGA	ACCCGGGGTG
	37441	GAGGCCCGTC	TTGAGCTGGT	GATACAGGGC	CACGGGGCTC	ATCTTGAAGT	ACCCCGCCAT
45	37501	GAGCGCGTAG	GTCAGCGCGT	TCTCCCCCGC	CGCGCTCTCG	CGGGCGTGCT	GCACCACGGG
	37561	CTGGCGGATG	GAGGAGAAGT	AGTTGGCCCC	CAGGGCCGGG	GGGACCAGGG	GGACGTCGCG
	37621	CGCCAGGTCG	CGCAGGGCCG	GGGGGAAGTT	GGGCGCGTTG	GCCACGTGGT	CGGCGCCCGC
	37681	AAACAGCGCG	TGGACGGGCA	GGACGTAGAA	GTATTCGCCA	TTTTGGATGG	TGTGGTCCAG
	37741	GTGCTGGGGG	GCCATGAGCA	GCACGCCGGC	GTGCAGCGCC	CCGTCGAAGA	TGCGCATGTT
	37801	GGCCGTCGAC	GCGGTGTTGG	CGCCCGCGTC	GGGCGCCGCG	GAGCACAGCA	GCGCCGTCGT
50	37861	GCGCTCGGCC	ATGTTGTGCG	CCAGCACCTG	CAGCGTGAGC	ATGGCGGGCC	CGTCGACGAC
	37921	GACGCGCCCG	TTGTGGAACA	TGCGCTTGAC	CGTGTTGGCC	ACAGATTGGG	CGGGATGCAG
	37981	CGGGTGGGCG	GGGTGCGTCA	CGGGATCGCT	CGGGCACTCC	TCACCGGGGG	CGATCTCCGG
	38041	GACCACCATG	TTCTGCAGCG	TGGCGTACAC	GCGGTGGAAG	CGGACCCCCG	CGGTGCAGCA
	38101	GCGCCCCCGC	GAGAAGGCCG	GCACCAGCAC	GTAATAGTAG	ATTTTGTGGT	GGACGGTCCA
55	38161	GTCGGCCGGC	CGGTGCGGCC	GGTCGTCGGC	GGCGTCGGCC	GCGCGGGCCT	GGGTGTTGTG
	38221	CAGCAGCCGG	CCGTCGTTGC	GGTTAAAAGT	GGCCGTCGCC	ACGTTGCACG	CCGCCGCGTA
	38281	GACGGGCTCG	TGCCCCCCCC	CGTCAATCCG	GCAGTCTCGG	TGGCGGTCCA	GGGCCGCGTG
	38341	TCGCATAAGG	CCGTCGCAGT	CCCACACGAG	GGGCGGCAGC	AGCGCCGGGT	CGCGCATCAG
	38401	GTGATTTCAGC	TCGGCCTGAG	CCTGCCCGCC	CAGCTCCGGG	CCCGGCAGGG	TAAAGTCGTG

	38461	CACCAGCTGG	GCCAGGGCCT	CGACGTGGGC	CACCAGGTCC	CGATACACGG	CCATGCACTC
	38521	CTCGGGGAGG	TCGCCCCCGA	GGTAGGTCAC	GATGTACGAG	ACCAGCGAGT	AGTCGTTTAC
	38581	GAACGCCGCG	CATCGCGTGT	TGTTCCAGTA	GCTGGTGATG	CACTGAGTCA	CGAGCCGCGC
5	38641	CAGGGCGCAG	AACACGTGCT	CGTTGCCGTG	AATCGCGGCT	TGCAGCAGGT	AAAACACCGC
	38701	CGGGTAGCTG	CGGTCCTCGA	ACGCCCCGCG	GACGGCGGCT	ATGGTAGCCG	GCGCCATGGC
	38761	GTGGCGGCCA	ACGCCGAGCT	CCAGGCCCCG	GGCGTCACGA	AACGCCACCG	GACACAGCGC
	38821	CAGGGGCAGG	TTGCCGTTGA	CCACGCGCCA	GGTGGCCTGG	ATCGCCCCCG	GACCGGCCGG
	38881	GGGGACTTCG	CCGCCGGGAA	GCTCGACGTC	GGCCACGCCC	GCGAAGAAGT	CGAACGCGGG
	38941	GTGCAGCTCC	AGAGCCAGGT	TGGCGTTGTC	GGGCTGCATG	AACTGCTCCG	CGGTCATCTG
10	39001	GCACTCGGCG	ACCCACCGGA	CCCGGCCGTG	GGCGAGGCGC	TGCCGCCAGG	CGTTCAGAAA
	39061	ACGCTGCTGC	ATGTCCGCGC	CGGGGCCGCG	CGGGGCCGCG	ACGTACGCCC	CGTACGGATT
	39121	CGCGGCCTCG	ACGGGGTTCG	GGTTCACGCC	CCCGACGGCC	GCGTCGATGT	TCATGAGCGA
	39181	AGGATGACAC	ACGGTCCCAG	CCGCGTTCTC	CATGGACAGC	CGCAGAACCT	GGTGGTCCTT
	39241	TCCCCAAAAA	AACAGCTGCG	GGGGAGGGAA	CGCGCGGGGC	TCCGGGTGGC	CGGGGGCGGG
15	39301	CACCAGGTCC	CCGGCGTGCG	CGGCGAAGCG	CTCCATGGCC	GGGTGAACA	GCCCCAGGGG
	39361	CAGGACGAAC	GTCAGGTCCA	TGGCGCCCAC	CAGGGGGTAG	GGCACGTTGG	TGGCGGCGTA
	39421	GATGCGTCTC	TCCAGGGCCT	CCAGGAAGAC	CAGCCTGTCT	CCTATGGCCA	CCAGATCCGC
	39481	GCGCACGCGC	GTTGTCTGGG	GGGCGCTTTC	GAGTTCATCC	AGCGTCTCCC	GGTTCGCTCT
	39541	GAGTTGCTCC	TCCTGCATAT	CCAGCAGGTG	GCGGCCACAG	TCGTCCAGGC	TCCGCACGGC
20	39601	CTTGCCCATC	ACCAGCGCCG	TGACGAGGTT	GGCCCCGTTT	AAGACCATCT	CGCCGTAGGT
	39661	CACCGGCACG	TCGGCCTCGG	TGTCCTCCAC	CTTCAGGAAG	GACTGCAGGA	GGCGCTGTTT
	39721	GATGGCGGCG	GTGGTGACCA	GCACCCCGTC	GACCGGCCGC	CCGCGCGTGT	CGGCGTGCGT
	39781	CAGGCGGGGC	ACGGCCACGG	ACGGCTGCGT	CGCCGTGGTC	AGGTCCACGA	GCCAGGCCTC
	39841	GATGGCCTCG	CGGCGATGGC	CCGCTTGCC	CAGGAAGAAG	CTCGTGTCTG	AAAAGCTCCG
25	39901	CTTCAGCTCG	GCGACCAGGG	TGCCCCGGGC	AACCCTGGTC	GCCAGGCGCC	CGTTGTTCGAG
	39961	ATATCGTTGC	ATGGGCAACA	GCAGGGCCAG	GGGAGGCGCC	TTCTCCAACA	GCACGTGCAG
	40021	CATCTGGTCT	GCCGTGCCGC	GCTCAAACGC	CCCCAGGACG	GCCTGGACGT	TGCGCGCGAG
	40081	CTGCTGGATG	GCGCGCAGCT	GGCGATGCAG	GCTAATGCCC	GTCCCCTCCA	GGGCCTCCCC
	40141	CGTGAGCAGG	GCAATGGCCT	CGGTGGCCAG	GCTGAAGGCG	GCGTTCAGGG	CCCGGCGGTC
30	40201	GATGACCTTC	GTCATGTAAT	TATGCACGGG	CTGCTCGACG	GGGTGCGGGC	CGTCGCGGGC
	40261	GATGAGGGGC	TGGTGGACCT	CGAACTGCAC	ACGCCCTTCG	TTCATGTAAG	CCAGCTCCGG
	40321	GAAC TTGGTG	CACACGCACG	CCACGGACAG	GCCGAGCTCC	AGAAAGCGCA	CGAGCGACAG
	40381	GGTGTTCGAG	TAGGACCCCA	GCAGGGCGTC	AAACTCTACG	TCATACAGGC	TGTTTTCTGC
	40441	GGAGCGCACG	GCGGCGAAAA	AATCAAAGAG	TCTGCGGTGG	GACGCCACCT	CGATCGTACT
35	40501	CAGGATGGAG	CCGGTGGGCA	GGATGGCCGC	GGCGTACCGG	TAACCCGGGG	GGTCGCGGGC
	40561	AGGAGCGGCC	ATTGGGTTC	TTGGGGGATT	CGCAGGCTCC	ATCAAGCCGA	GCTCGGGAAG
	40621	GCCAAGCCCC	TCCCGCACAA	CGCCTCACCG	CCGGCGGACG	CGACTAACAA	CCCACGGGCC
	40681	GCCAAAACCC	CAAGGGGCAA	CCCGACCAAC	AACAGGCGAG	GGGAGGAAAG	GCGTAAAGGG
	40741	GGCGTTGGGA	GGCAAAAAGA	AAGAAAACAC	CCAGACGTAG	GCCCCGAGGAC	CGGCCGGCGT
40	40801	CCTCTGTCCC	CGAGCACCCA	CTGTGCCCAA	CAGGCACGGG	GGCGAGCTGC	CCCTGCCTTA
	40861	TATACCCCC	CGCCACACCC	CCGTTAGAAC	GCGACGGGTG	CCTTCAAGAT	GGCCCTGGTC
	40921	CAAAAGCGTG	CTAGAAAAAA	GTTGGTAAAG	GCGGCAAGAG	AGTCCGCCCG	CGCCACCCAC
	40981	ATGGCGGCGC	CGGCCGCGCA	GGCGATTCCC	AGAGAACGGG	CGCGGAGGGG	ATCCGTGCGG
	41041	GGCAGCAGCT	GGCTGGCGGT	GATCCAATGG	AAAAGCCCGT	CGGGACTGAA	CGTCTCATGG
45	41101	GCGGCGGCCA	CCAGGGCGCA	CAGGGCCGCG	CCGCCCATGA	TCACGCACAA	CCCCCAAAAC
	41161	ACGGGTGGCG	ACAACGGCAG	GCGATCCCGT	TTGATGTTCA	CGTACAGGAG	GAGCGCCCGT
	41221	GCCAGCCACG	TGACATAGTA	GGCGAGGACG	GCGGCTATAA	TACATGCCGG	CGCCACCGCC
	41281	CGTCCGGTCC	ACCGTAATA	CATGCCCGCG	GCCACCAGCT	CCAGCGGCTT	GAGGACCAGG
	41341	AACGACCAAG	CAAACATCAC	CACCCGCTTG	GAAAAGACCG	GCTGGGTGTG	GGGCGGAAGA
50	41401	CGCGAGTAGG	CCGAAC TGAC	AAAAAAATCA	GACGTGCCGT	ACGAGGACAG	CGAAAAC TG
	41461	TCATCGAGCG	GCACTTCTCC	GTCCTCCCCG	CCACACGCGG	CCTCGTCTAC	CAGCTCGCGA
	41521	TCCAACAAAG	GAACATCATC	CCGCATTGTC	ATGGTTCGGT	CGGGGAGCCG	GCGAGGCAGC
	41581	AAAACCGAAA	GTAGTGCTGG	CGGCGCGGGC	CCGGGTCCGG	ACCCAAGCTT	CAGGGATGGG
	41641	GGGCGGAGGC	CAAAATCAAA	CAAGCACCGC	GCGGGTTCTA	CACACAACCC	CCACCCGGGT
55	41701	AGTATCCGCG	GATGCGAGTG	CCTGGCGAAG	TCACGTCCCA	GCAGGATATA	AACCTCGGCC
	41761	GTTGGGCCCG	GAACCCCGCA	AATTACACAC	CACGCCCTGA	CGCCCAAATC	ATGGGTGGAT
	41821	GTGGTTTCGCG	AGCCGCACAT	CCGTGCGTCC	GCCCTCCCCC	GCGGGCTGAT	GACGTGGCGG
	41881	TTAGTTCAGTG	GGAAGGCAGG	GGGAAAGATG	GGTTGGGGGA	GGAAACGAAG	AAAACACCCA
	41941	GAGGGCCACG	TCGGGAATGC	GCCCCGAGTT	GTCTTTAAAA	GGCCGCGCGT	GCGTGACGGA

	42001	AGCCGTCGTT	TGCCCAAGCA	CCGACGCCGC	GATCCACAGT	GGGGGGAGTT	CCTCCGTCCG
	42061	GCCACAACCC	TACGCGCGGG	CGGCACGCGC	GAGAGCAACC	CACGGGTCCC	GTTCGCGCCA
	42121	CCGCCAGCCC	TTGCTCCAC	CACCCTCCTC	CCACCACCCC	ACTATTCCCC	CCCCAAGTC
	42181	CGCCCCGTGG	CTCGCCGGCC	ATGGAGCTCA	GCTATGCCAC	CACCCTGCAC	CACCGGGACG
5	42241	TTGTGTTTTA	CGTCACGGCA	GACAGAAACC	GCGCCTACTT	TGTGTGCGGG	GGGTCCGTTT
	42301	ATTCCGTAGG	GCGGCCTCGG	GATTCTCAGC	CGGGGGAAAT	TGCCAAGTTT	GGCCTGGTGG
	42361	TCCGGGGGAC	AGGCCCCAAA	GACCGCATGG	TCGCCAACTA	CGTACGAAGC	GAGCTCCGCC
	42421	AGCGCGGCCT	GCGGGACGTG	CGGCCCGTGG	GGGAGGACGA	GGTGTTCCTG	GACAGCGTGT
	42481	GTCTGCTAAA	CCCGAACGTG	AGCTCCGAGC	GAGACGTGAT	TAATACCAAC	GACGTTGAAG
10	42541	TGCTGGACGA	ATGCCTGGCC	GAATACTGCA	CCTCGCTGCG	AACCAGCCCG	GGGGTGCTGG
	42601	TGACCGGGGT	GCGCGTGCGC	GCGCGAGACA	GGGTCATCGA	GCTATTTGAG	CACCCGGCGA
	42661	TCGTCAACAT	TTCCTCGCGC	TTCGCGTACA	CCCCCTCCCC	CTACGTATTC	GCCCTGGCCC
	42721	AGGCGCACCT	CCCCCGGCTC	CCGAGCTCGC	TGGAGCCCCC	GGTGAGCGGC	CTGTTTGACG
	42781	GCAATCCCCG	CCCGCGCCAG	CCCCTGACG	CCCGCGACCG	GCGCACGGAT	GTCGTGATCA
15	42841	CGGGCACCCG	CGCCCCCAGA	CCGATGGCCG	GGACCGGGGC	CGGGGGCGCG	GGGGCCAAGC
	42901	GGGCCACCGT	CAGCGAGTTC	GTGCAAGTGA	AGCACATCGA	CCGTGTTCTG	TCCCCGAGCG
	42961	TCTCTTCCGC	CCCCCGCCG	AGCGCCCCCG	ACGCGAGTCT	GCCGCCCCCG	GGGCTCCAGG
	43021	AGGCCGCCCC	GCCGGGCCCC	CCGCTCAGGG	AGCTGTGGTG	GGTGTCTTAC	GCCGGCGACC
	43081	GGGCGCTGGA	GGAGCCCCAC	GCCGAGTCGG	GATTGACGCG	CGAGGAGGTC	CGCGCCGTGC
20	43141	ATGGGTTCCG	GGAGCAGGCG	TGGAAGCTGT	TTGGGTCGGT	GGGGGCTCCG	CGGGCGTTTC
	43201	TCGGGGCCGC	GCTGGCCCTG	AGCCCCACCC	AAAAGCTCGC	CGTCTACTAC	TATCTCATCC
	43261	ACCGGGAGCG	GCGCATGTCC	CCCTTCCCCG	CGCTCGTGCG	GCTCGTCCGT	CGGTACATCC
	43321	AGCGCCACGG	CCTGTACGTT	CCCGCGCCCG	ACGAACCGAC	GTTGGCCGAT	GCCATGAACG
	43381	GGCTGTTCCG	CGACGCGCTG	GCGGCCGGGA	CCGTGGCCGA	GCAGTCTCTC	ATGTTTCGACC
25	43441	TCCTCCC GCC	CAAGGACGTG	CCGTGGGGGA	GCGACGCGCG	GGCCGACAGC	GCCGCCCTGC
	43501	TGCGCTTTGT	GGACTCGCAA	CGCCTGACCC	CGGGGGGGTC	CGTCTCGCCC	GAGCACGTCA
	43561	TGTACCTCGG	CGCGTTCTCT	GGCGTGTTGT	ACGCCGGCCA	CGGACGCTCG	GCCGCGGCCA
	43621	CGCATACCGC	GCGCCTGACG	GGCGTGACGT	CCCTGGTCCT	GACCGTGGGG	GACGTCGACC
	43681	GGATGTCCGC	GTTTGACCGC	GGGCCGGCGG	GGGCGGCTGG	CCGCACGCGA	ACCGCCGGGT
30	43741	ACCTGGACGC	GCTGCTTACC	GTTTGCCCTG	CTCGCGCCCA	GCACGGCCAG	TCTGTGTGAG
	43801	ATATCCCAAT	AAAGTGCAGT	CGTTTTCTAA	CCCACGGATG	CCGTTGTATG	CCTATACGGG
	43861	GGACTATGGG	GGGGGAAAGG	AAAGGAAACA	GGAATGGAGA	AGGGAAAGGA	ACAGAGGCGG
	43921	TAGCGGACGC	ACGGCGGACA	CAATAACAAA	CAGACCGCGG	ACACGGAGGG	AGTCGGTTGG
	43981	GTTGGGCGTG	GACGCCGCTG	CGTCCACACA	CCCGTTTATT	CGCGTCTCCA	CAAAAATGGG
35	44041	ACGCACGTTT	GGACCACCTT	AAGGATGCCC	GCCAGGGCCG	CGGTAATCAT	AACGACCCCC
	44101	AGCGCGGACG	CGGCCAGAAA	CCCGGGGGCG	ATGGTGGCGA	TGGGCAGCGT	GTCAAAGGCC
	44161	AGCAGATGAA	TCACAGTTCC	GTTGGGGAAC	AACAACAGGG	CCACGGACGG	CACGTCGCTG
	44221	GAAAACACGT	TCGGGGTGCC	CGCCACCGGC	CCCTGGGCCA	GCTGCTGTTG	GGTGGCATCC
	44281	GTGTCCACCA	GCAGCACCGA	CATGACCTCC	CCGGCCGGGG	TGTAGCGCAG	AAACACGGCC
40	44341	CCCACGAGGC	CGAGGTGCGG	CCGGTTTTTC	GTGCGCACCA	GCCGCTTCGG	CTCAATCTCC
	44401	CGCGCGTGCC	CTTCGCAGGT	GGCGGTGAGA	TAGGTGATAA	ACAGCGGGCG	GCGGACGTCA
	44461	ACGCCCGTAA	GCTTGTATCC	GATCCCGCGG	GGCAAGGGGG	TGTGGGTGAC	GACGTAGCTG
	44521	GCGTTGTGGG	TGATGGGCAC	GAGGATCCGG	GGCTCCGCGT	TGTGCGACGG	GCCGCTACAC
	44581	TGGTGGGTGG	CCTCCGGGAC	GAAGGCGCGG	ATCAGGGCGT	TGTAGTGCGC	CCAGCGCGTG
45	44641	AGAACGGAGG	CCACGCCGCG	GGTCTGTTGT	GCCATGACGT	CCGCCGGGAT	GTCGGATCGG
	44701	GTGGCCATGG	CCAGCGCGTC	CAGGATGAAC	CCGCCCTCGG	CGAGATCGAA	GCGCAGGGAA
	44761	GCTGCGCATG	GGGAAAAGTG	GTCCGGGAGC	CAGAAGAGGT	TTTTCTGGTG	GTCGGTCTCT
	44821	GCTAGCGCGG	CCCGGAGATC	GGCGTGGGTC	GCCGCGGCGA	CGTCGGACGT	ACACAGGGCC
	44881	GTGGTTATGA	GGAGGCCCCC	GCGGGCGCGT	TCCCGCTGCT	CGGCCGAGGG	CGCGCCCGCC
50	44941	AGGAACGGCG	CCCGGAGGAC	GGCCGTGGCG	TAAAACAGCG	CTCGGCGGAC	CATCGGGGCG
	45001	GTTAGCGCGC	GGCCGCCGAG	AAACTCGGCG	TACAGGGCGT	CGATCAGGCG	GGCCGCGCTC
	45061	GGGCGCACCG	CGCCATAGGC	CGCGGGGCTG	TCCAACACGA	ACGCCAGCTG	ATAGCCCGAGC
	45121	GCGTGCGCCA	CCAGGCTCTG	CTCTCGCTCG	AGGATCGCGG	CCACCAGATG	CCCGAGGCGC
	45181	GCCTCCAGCC	GCAGGCGGGC	CGCCGGGTCC	AACACGGACA	CGTTCAGGAA	CACCGAGTCG
55	45241	GCCGCGCAGC	CCGCTGCTCC	CCGGGCGGCC	AGGCCGGCCA	GCACGCGCGA	GTGGGCCAAA
	45301	AAGCCCAGCA	GGTCGGAGAG	GCGAATCGCG	TCGTGGGCGT	GGGCCGCGTT	GACGAACGCA
	45361	AACCCCGACG	AGGCGAGCAG	CCCCGCGAGG	CGCCAGAACA	GGGACGGACG	CGCGTCCGTG
	45421	CCGGAGCCCC	GGTCCTCCCC	CAAAAACCTCC	GCATAGGCCC	GCGACATATA	CTGGGCGTAG
	45481	TTCTGTGCTCT	CCTCGGGGTA	GCCGGCCACC	CGCCGAGGGG	CGTCCAGCGC	CGAGCCGTTG

	45541	TCGGCGGGCG	TCGGGGCCCC	CAGGACAAAG	ACGCGATACC	TGGGGCCGGC	CGGAGGCCCG
	45601	GGGAGCACCG	CGGGGGCGTT	TTCGTCGGTC	GGATTTCCGA	CCCGAGCGAG	GGTCTTGTCC
	45661	GCAGGCACCA	CTATGATCTC	GGCCGGAGGG	CTGTCCCGCA	TCGATATCAC	GAGCCCCATG
5	45721	AAGCCCTTCC	CGTATCGCGC	GCGCACGAGC	GCGGCGTCGC	ACCCGAACGC	CAGCCCCGCC
	45781	GTCGTCCAGA	CGCCCACGGG	CCACGTTCGAG	GCCGACGGGG	AGAGGTACAC	GTACCGACCC
	45841	GGAGTCCGTA	GCAGGCCCTT	GGCGGCCAGC	CAGGTCACGG	ATGCGTTGTG	CAGATGCGCG
	45901	ATGCTCAGGT	TCGTCGTCCG	ATGCCTCGGT	GTCCTCCGCG	GCGCCCCGCG	GGCGGCCGCG
	45961	TTGCGTCGGC	CGTCCGGGTG	CCTCTCGGTC	GCCCCGTCGT	CTCCCCGCGG	GAACGTAAGC
	46021	CCCTCGCGGT	CCGGCGCGGC	CGCGAATGTT	ACCCAGGCCC	GGGACCGCAA	CAGCGCGGAG
10	46081	GCGCCGGGGT	TGTGCGACAG	TCCCTTGAGC	TGGGTCACCT	CGGCGGGGGG	ACGGGACGTG
	46141	GGCCCCGCCT	CGGGGAGCTC	GGGCAGGCTC	GCGTTCGAG	GCCGGCCGAG	CAGATAGGTC
	46201	TTTGGGATGT	AAAGCAGCTG	CCCGGGGTCC	CGAGGAAACT	CGGCCGTGGT	GACCAACACG
	46261	AAACAAAAGC	GCTCGGCGTA	CCACCGAAGC	ATGGGCACGG	ATGCCGTAGT	CAGGTTGAGT
	46321	TCGCCCCGGG	GCGCCAAGCG	TCCGCGCTGG	GGGTCGCTGG	CGTCGGGGGT	GTTGGGCAAC
15	46381	CACAGACGCC	CGGTGTTTGT	GTCGCGCCAG	TACGTGCGGG	CCAACCCAG	ACCGTGCAAA
	46441	AACCACGGGT	CGATTTGCTC	CGTCCAGTAC	GTGTCATGGC	CCCCGGCAAC	GCCACACAGG
	46501	ACCCCCATCA	CCACCCACAG	ACCGGGGCCC	ATGGTCGTCC	TCCCGGCTGC	CAGTCCGCGG
	46561	ATGGGGGGGG	GTGTCCGTAC	CCACGGCCCA	AAGAGGCTCC	GCACCTCGGA	GGCTATCGGA
	46621	GGCCCTTTGT	TGCCGTAAGC	GCGGGCCAAA	GGATGGGGTG	GGGTGAGGGT	AAAAGCACAA
20	46681	AGGGAGTACC	AGACCGAAAA	CAAGGACGGA	TCGGCCCCGT	CCGTTTTTCG	GTGGGGTGCT
	46741	GATACGGTGC	CAGCCCTGGC	CCCGAACCCC	CGCGCTTATG	GACACACCAC	ACGACAACAA
	46801	TGCCTTTTAT	TCTGTTCTTT	TATTGCCGTC	ATCGCCGGGA	GGCCTTCCGT	TCGGGCTTCC
	46861	GTGTTTGAAC	TAAACTCCCC	CCACCTCGCG	GGCAAACGTG	CGCGCCAGGT	CGCGTATCTC
	46921	GGCGATGGAC	CCGGCGGTTG	TGACGCGGGT	TGGGATCATC	CCGGCGGTGA	GGCGCAACAG
25	46981	GGCGTCTCGA	CACCCGACGG	GCGACTGATC	GTAATCCAGG	ACAAATAGAT	GCATCGGAAG
	47041	GAGGCGGTTC	GCCAAGACGT	CCAAGACCCA	GGCAAAAATG	TGGTACAAGT	CCCCGTTGGG
	47101	GGCCAGCAGC	TCGGGAACGC	GGAACAGGGC	AAACAGCGTG	TCCTCGATGC	GGGGCAGAGA
	47161	CCCCGCGCCG	TCCTCGGGGT	CGGGGCGCGG	GGTCGCGCGG	GCGACCCCCG	TCAGCCGGCC
	47221	CCAGTCCTCC	CGCCACCTCC	CGCCGCGCTG	CAGGTACCGC	ACCGTGTTGG	CGAGTAGATC
30	47281	GTAGACACGG	CGAATGGCGG	ACAGCATGGC	CAGGTCAAGC	CGCTCGCCCC	GGCGTTGGCG
	47341	TCTGGCCAGG	CGGTGCGCGT	GTTCGGCCTC	CGGAAGGACA	CCCAGGACCA	GGTTCGTGCC
	47401	GGGCGCGGTC	GGGGGCGATG	GGGCCACGAA	CGCCAACACG	GCCTGGGGGG	TCATGCTTCC
	47461	CATGAGGTAC	CGCGCGGCCG	GGTAGCACAG	CAGGGAGGCG	ATAGGGTGCC	GGTCGAAAAA
35	47521	AAGGGTGAGG	GCCGGGGGCG	GGGCTTGCGG	GCCACACAGC	TCCCCCCCGA	TATGAGGAGC
	47581	CAAAACGGCG	TCCGTCGCCG	CATAAGGCGT	GCTCATTTGT	ATCTGGGCGC	TGGTCATTAC
	47641	CACCGCCGCC	TCCCCGGCCG	ATATCTCGCC	GCGGTCCAGA	CGGTGCTGCG	TGTTGTAGAT
	47701	GTTCGTCAGG	GTCTCGGAGG	CCCCCAGCAC	CTGCCAGTAA	GTCATCGGCT	CGGGGACGTA
	47761	GACGATATTG	TCGCGCGGCC	CCAGGGCCTC	CATCAGCTGC	GCGGAGGTGG	TGGTCTTCCC
	47821	CACCCCGTGG	GGTCCGTCTA	TATAAACCCG	CAGCAGCGTG	GGCAGCTCCG	GATCCCCGCG
40	47881	GGCTCCGGAG	GCCCCCTGGC	GATGGCTAGG	ACGGGACGCC	GCGCGGCCGT	CGGTAGGCCC
	47941	GCTCGCACGA	GCAGCCTGAC	CGAACGCAGG	CGCGTGCTGT	TGGCCGGCGT	GAGAAGCCAT
	48001	ACCCGCTTCT	ACAAGGCGTT	CGCCCGAGAG	GTGCGGGAGT	TCAACGCCAC	CAGGATTTGT
	48061	GGAACGCTGC	TGACGCTGAT	GAGCGGGTCG	CTGCAGGGTC	GCTCGCTGTT	CGAGGCCACG
	48121	CGCGTCACCT	TAATATGCGA	AGTGGACCTC	GGGCCGCGCC	GCCCAGACTG	CATCTGCGTG
45	48181	TTCGAATTCT	CCAATGACAA	AACGTTGGGA	GGTGTGTGCG	TCATCTTGGA	GCTAAAGACA
	48241	TGCAAAATCGA	TTTCTTCCGG	GGACACGGCC	AGCAAACGCG	AACAGCGGAC	CACGGGCATG
	48301	AAGCAGCTGC	GCCACTCCCT	GAAGCTGCTG	CAGTCGCTCG	CGCCTCCGGG	GGACAAGGTC
	48361	GTCTACCTGT	GTCTATTTT	GGTGTGTTGTC	GCGCAGCGTA	CGCTGCGCGT	CAGCCGCGTG
	48421	ACCCGGCTCG	TCCCGCAAAA	GATCTCCGGG	AACATCACCG	CGGCCGTGCG	GATGCTCCAA
50	48481	AGCCTGTCCA	CGTATGCCGT	GCCGCCGGAA	CCGCAGACCC	GGCGGTGCGG	GCGCCGGGTC
	48541	GCCGCGACCG	CCAGACGCA	AAGCCCCCCC	TCCCCGACAC	GTGACCCGGA	AGGCACGGCG
	48601	GGTCATCCGG	CCCCACCAGA	GAGCGACCCC	CCCTCCCCAG	GGGTGCTAGG	CGTCGCTGCG
	48661	GAGGGTGGGG	GTGTGCTTCA	GAAAATCGCG	GCGCTTTTTT	GCGTGCCGGT	GGCCGCCAAG
	48721	AGCAGACCCC	GGACCAAAAC	CGAGTGAGGT	TCTGTGTGTT	GTTTTTTTTT	TTTTTTTTTCC
55	48781	TCGTTTTGTT	TTCTCTTCTT	TCCCCCCCCC	CTCCCCCGCT	TCTGGCCAAG	CATCCTCACC
	48841	TGCTTAAGCG	GAACCCGCGG	GCGCGCGGGG	ACTCATTTGT	CGCCGGCGAC	ACCCACCCGA
	48901	CAACAGCCCC	TGGGTGTCGA	CCGCTGTGCG	CCCCGTCTGT	CGCCTCTCCC	TTTTTTTCCC
	48961	CCCTCAAAGA	ACGTGGTGTT	GGGCGCCGGC	CAATTCTTCC	CGGAGCGCCG	TCGTCGCCCC
	49021	CCCGCCGCCC	TCGAACATGG	ACCCGTACTA	CCCTTTCGAC	GCGCTGGACG	TTTGGGAACA

	49081	CAGGCGCTTC	ATCGTCGCCG	ACTCCAGGAG	CTTCATCACC	CCCGAGTTCC	CCCGGGACTT
	49141	CTGGATGTTG	CCCGTGTTCA	ACATCCCCCG	GGAGACGGCG	GCGGAGCGGG	CGGCAGTGCT
	49201	GCAGGCCCAG	CGCACCGCGG	CCGCGGCGGC	CCTGGAGAAC	GCCGCCCTCC	AGGCCGCCGA
5	49261	GCTGCCCCGTC	GACATCGAGC	GCCGGATACG	CCCGATCGAG	CAGCAGGTGC	ATCACATCGC
	49321	CGACGCCCTG	GAGGCGCTGG	AGACCGCGGC	GGCCGCGGCC	GAAGAGGCGG	ATGCCGCGCG
	49381	GGACGCCGAG	GCGAGGGGGG	AGGGCGCTGC	GGACGGGGCA	GCGCCGTCGC	CCACCGCGGG
	49441	CCCCGCCGCC	GCGGAGATGG	AGGTTTCAGAT	CGTACGCAAC	GACCCGCCGC	TACGATACGA
	49501	TACCAACCTC	CCCGTGGATC	TGCTACACAT	GGTGTACGCG	GGCCGCGGGG	CCGCGGGTTC
	49561	GTCGGGAGTC	GTCTTTGGTA	CCTGGTACCG	CACGATCCAG	GAACGCACCA	TCGCGGACTT
10	49621	CCCCCTGACC	ACCCGCAGCG	CCGACTTTCG	AGACGGGCGC	ATGTCCAAGA	CCTTCATGAC
	49681	CGCGCTGGTC	CTGTCTCTGC	AGTCGTGCGG	CCGGCTGTAC	GTGGGCCAGC	GCCACTATTC
	49741	CGCCTTCGAG	TGCGCCGTGC	TGTGTCTGTA	TCTGCTGTAC	CGAACCACCC	ACGAGTCCTC
	49801	CCCCGATCGC	GATCGCGCTC	CCGTTGCGTT	CGGGGACCTG	CTGGCCCCGC	TGCCGCGCTA
	49861	CCTGGCGCGT	CTGGCCGCGG	TAATCGGCCA	CGAGAGCGGA	CGCCCGCAGT	ACCGCTACCG
15	49921	CGACGACAAG	CTGCCCAAAG	CGCAGTTCGC	GGCGGCCGGC	GCCCGCTACG	AGCACGGGGC
	49981	CCTGGCCACC	CACGTCGTGA	TCGCCACGTT	GGTGCGCCAC	GGGGTGCTAC	CGGCGGGCCC
	50041	GGGCGACGTT	CCCCGAGACA	CCAGCACCCG	CGTGAACCCC	GACGACGTGG	CCCACCGCGA
	50101	CGACGTCAAC	CGCGCCGCCG	CCGCGTTTTT	GGCACGCGGC	CACAACCTCT	TCCTGTGGGA
	50161	GGACCAGACG	CTGCTGCGGG	CGACCGCCAA	CACCATTACG	GCCCTGGCCG	TGCTTCGGCG
20	50221	GCTCCTCGCG	AACGGCAACG	TGTACGCGGA	CCGCCTCGAC	AACCGCCTGC	AGCTGGGCAT
	50281	GCTGATCCCC	GGAGCCGTCC	CGGCGGAGGC	CATCGCTCGG	GGGGCGTCCG	GATTGGACTC
	50341	GGGCGCCATA	AAAAGCGGCG	ACAACAACCT	GGAGGCGCTG	TGCGTTAACT	ATGTACTTCC
	50401	GCTGTATCAG	GCAGACCCCA	CGGTCGAGCT	GACCCAGTTG	TTTCCGGGGC	TGGCCGCCCT
	50461	GTGCTGGAC	GCCCAGGCGG	GCGCGCCACT	GGCGTCGACG	AGGCGCGTGG	TGGATATGTC
25	50521	GTCGGGCGCC	CGCCAGGCGG	CGCTCGTGCG	CCTCACCGCG	CTGGAGCTCA	TCAACCGCAC
	50581	CCGCACAAAC	ACCACCCCTG	TGGGGGAGAT	TATTAACGCC	CACGATGCCT	TGGGGATACA
	50641	ATACGAACAG	GGGCCTGGGC	TGCTCGCCCA	GCAGGCACGC	ATCGGCTTGG	CGTCAAACAC
	50701	CAAGCGATTC	GCCACGTTCA	ACGTGGGCAG	CGACTACGAC	CTGTTGTACT	TTTTGTGTCT
	50761	CGGGTTCATT	CCCCAGTACC	TGTCCGTGGC	CTAGGGAAGG	GTGGGGGTGG	TGGTGGTGGG
30	50821	GTGTTTTTCT	GTTGTTGTTT	CTGGTCCGCC	TGGTCACAAA	AGGCACGGCG	CCCCGAAACG
	50881	CGGGCTTTAG	TCCCGGCCCG	GACGTCGGCG	GACACGCAAC	AACGGCGGGC	CCCGTGGGTG
	50941	GGTAAGTTGG	TTCGGGGGCA	TCGCTGTATT	CCCTTGCCCG	CTTCCACCCC	CCCCCCCCCT
	51001	CCCGTTTTGT	TTGTTTTGTG	GGGTGCCCAT	GGCGTCGGCG	GAAATGCGCG	AGCGGTTGGA
	51061	GGCGCCTCTG	CCCGACCGGG	CGGTGCCCAT	CTACGTGGCC	GGGTTTTTTG	CCCTGTACGA
35	51121	CAGCGGGGAC	CCGGGCGAGC	TGGCCCTGGA	CCCAGACACG	GTGCGTGCGG	CCCTGCCTCC
	51181	GGAGAACCCC	CTGCCGATCA	ACGTAGACCA	CCGCGCTCGG	TGCGAGGTGG	GCCGGGTGCT
	51241	CGCCGTGGTC	AACGACCCTC	GGGGGCCGTT	TTTTGTGGGG	CTGATCGCGT	GCGTGCAGCT
	51301	GGAGCGCGTC	CTCGAGACGG	CCGCCAGCGC	CGCTATTTT	GAGCGCCGCG	GACCCGCGCT
	51361	CTCCCGGGAG	GAGCGTCTGC	TGTACCTGAT	CACCAACTAC	CTGCCATCGG	TCTCGCTGTC
40	51421	CACAAAACGC	CGGGGGGACG	AGGTTCCGCC	CGACCGCACC	CTGTTTGCGC	ACGTGGCCCT
	51481	GTGCGCCATC	GGGCGGCGCC	TTGGAACCAT	CGTCACCTAC	GACACCAGCC	TAGACGCGGC
	51541	CATCGCTCCG	TTTCGCCACC	TGACCCGCGC	GAGCGCGAG	GGGGTGCGAC	GCGAGCCGCG
	51601	CGAGGCCGAG	CTCGCGCTGG	CCGGGCGCAC	CTGGGCCCCC	GGCGTGAGAG	CGCTCACACA
45	51661	CACGCTGCTC	TCCACCGCCG	TCAACAACAT	GATGCTGCGT	GACCGCTGGA	GCCTTGTGGC
	51721	CGAGCGGCGG	CGGCAGGCCG	GGATCGCCGG	ACACACGTAC	CTTCAGGCGA	GCGAAAAATT
	51781	TAAAATATGG	GGGGCGGAGT	CTGCCCCCTG	GCCGGAGCGC	GGGTATAAAA	CCGGCGCCCC
	51841	GGGTGCCATG	GACACATCCC	CCGCCGCGAG	CGTTCCCGCG	CCGCAGGTGC	CCGTCCGTGC
	51901	GCGTCAAGTC	GCGTCGTCGT	CTTCTTCTTC	TTCTTTTCCG	GCACCGGCCG	ATATGAACCC
	51961	CGTTTTCGGCA	TCGGGCGCCC	CGGCCCTTCC	GCCGCCCGGC	GACGGGAGTT	ATTTGTGGAT
50	52021	CCCCGCCCTC	CATTACAATC	AGCTCGTCAC	CGGGCAATCC	GCGCCCCGCT	ACCCGCCGCT
	52081	GACCGCGTGC	GGCCTGCCGG	CCGCGGGGAC	GGTGCCCTAC	GGACACCCCG	GCGCCGGCCC
	52141	GTCCCCGCAC	TACCCGCCTC	CTCCCGCCCA	CCCGTACCCG	GGTATGCTGT	TCGCGGGCCC
	52201	CAGTCCCCTG	GAGGCCCAGA	TCGCCGCGCT	GGTGGGGGCC	ATCGCCGCGG	ACCGCCAGGC
	52261	GGGTGGGCTT	CCGGCGGCCG	CCGGAGACCA	CGGGATCCGG	GGGTGCGCGA	AGCGCCGCCG
55	52321	ACACGAGGTG	GAGCAGCCGG	AGTACGACTG	CGGCCGTGAC	GAGCCGGACC	GGGACTTCCC
	52381	GTATTACCCG	GGCGAGGCCG	GCCCCGAGCC	GCGCCCCGTC	GACTCCCGGC	GCGCCGCGCG
	52441	CCAGGCTTCC	GGGCCCCACG	AAACCATCAC	GGCGCTGGTG	GGGGCGGTGA	CGTCCCTGCA
	52501	GCAGGAACTG	GCGCACATGC	GCGCGCGTAC	CCACGCCCCC	TACGGGCCGT	ATCCGCCGGT
	52561	GGGGCCCTAC	CACCACCCCC	ACGCAGACAC	GGAGACCCCC	GCCCAACCAC	CCCGCTACCC

	52621	CGCCAAGGCC	GTCTATCTGC	CGCCGCCGCA	CATCGCCCCC	CCGGGGCCTC	CTCTATCCGG
	52681	GGCGGTCCCC	CCACCCTCGT	ATCCCCCAGT	TGCGGTTACC	CCCGGTCCCC	CTCCCCCGCT
	52741	ACATCAGCCC	TCCCCCGCAC	ACGCCCACCC	CCCTCCGCCG	CCGCCGGGAC	CCACGCCTCC
5	52801	CCCCGCCGCG	AGCTTACCCC	AACCCGAGGC	GCCCCGGCGC	GAGGCCGGCG	CTTTAGTTAA
	52861	CGCCAGCAGC	GCGGCCACG	TGAACGTGGA	CACGGCCCCG	GCCGCCGATC	TGTTTGTGTC
	52921	ACAGATGATG	GGGTCCCCTG	AACTCGCCTC	CAGGATCCCG	ACTTGGGGGG	GGTGTGTGTT
	52981	TTCATATATT	TTAAATAAAC	AAACAACCGG	ACAAAAGTAT	ACCCACTTCG	TGTGCTTGTG
	53041	TTTTTGTTTG	AGAGGGGGGG	GTGGAGTGGG	GGGGAAAGTG	GGCCGAATGA	CACAAAAATT
10	53101	AGGTCGGAGG	GGTGAGGGGG	GGGGGCTAGG	AGCCGAACCG	ATGGCCCCCA	CACGCGACGG
	53161	AAGGCCCGGA	AGACTACCAC	GGGGAGGGGG	TGTGGAAAGC	GACCGGTGCG	AGGGAGACGG
	53221	GGTTGGTTTG	GGGTGGTTT	GGGGTGGTT	TTCCTGTTAG	CACATGTCTG	CATTTGTTTT
	53281	TCTAGTCACA	CGCCCCCCCC	CCCCCAAATA	AAAACCAAGG	CAAAACAATA	CCAGAAGTCA
	53341	TGTGTATTTT	TGAACATCGG	TGTCTTTTTA	TTTATACACA	AGCCAGCTC	CCCTCCCTC
15	53401	CCTTAGAGCT	CGTCTTCGTC	TCCGGCCTCG	TCTCTGTTGT	GGAGCGGAGA	GTACCTGGCT
	53461	TTGTTGCGCT	TGCGCAGAAC	CATGTTGGTG	ACCTTGGAGC	TGAGCAGGGC	GCTCGTGCCC
	53521	TTCTTTCTGG	CCTTGTGTTT	CGTGCGCTCC	ATGGCCGACA	CCAAAGCCAT	ATATCGGATC
	53581	ATTTCTCGGG	CCTCGGCCAA	CTTGGCCTCG	TCAAACCCGC	CCCCCTCCGC	GCCTTCCTCC
	53641	CCCTCCCCGC	CCACGCCCCC	GGGGTCGGAA	GTCTTGAGTT	CCTTGGTGGT	GAGCGGATAC
20	53701	AGGGCCTTCA	TGGGATTGCG	TTGCAGTTGC	AGGACGTAGC	GGAAGGCGAA	GAAGGCCGCG
	53761	ACCAGGCCGG	CCAGGACCAG	CAGCCCCACG	GCAAGCGCCC	CGAAGGGGTT	GGACATAAAG
	53821	GAGGACACGC	CCGAGACGGC	CGACACCACG	CCCCCCTACT	CTCCCATGAC	TACCTTGCCG
	53881	ACCGCGCGCC	CCAAGTCCCC	CATCCCCCTC	AAGAACGCGC	ACAGCCCCGC	GAACATGGCG
	53941	GCGTTGGCGT	CGGCGCGGAT	GACCGTGTCG	ATGTCGGCAA	AGCGCAGGTC	GTGCAGCTGG
25	54001	TTGCGGCGCT	GGACCTCCGT	GTAGTCCAGC	AGGCCGCTGT	CCTTGATCTC	GTGGCGCGTG
	54061	TAGACCTCCA	GGGGCACAAA	CTCGTGCTCC	TCCAGCATGG	TGATGTTTCA	GTCGATGAAG
	54121	GTGCTGACGG	TGGTGACGTC	GGCGCGACTC	AGCTGGTGAG	AGTACGCGTA	CTCCTCGAAG
	54181	TACACGTAGC	CCCCGCCGAA	GATGAAGTAG	CGCCGGTGGC	CCACGGTGCA	CGGCTCGAGC
	54241	GCGTCGCGGG	TGAGGCGCAG	CTCGTTGTTT	TGCGCCAGCT	GCCCCCTGAT	CAGCGGGCCC
30	54301	TGGTCTTCGT	ACCGAAAGCT	GACCAGGGGG	CGGCTGTAGC	ACGTCCCCGG	CCGCGAGCTG
	54361	ACGCGCATCG	AGTTCTGCAC	GATCACGTTG	TCCGGGGCGA	CGGGCACGCA	CGTGGAGACG
	54421	GCCATGACGT	CTCCGAGCAT	GCGCGCGCTC	ACCCGCCGGC	CGACGGTGGC	GGAGGCGATG
	54481	GCGTTGGGGT	TGAGCTTGCG	GGCTCGTTT	CAGAGAGTCA	GCTCGTGGTT	CTGCAGCTCG
	54541	CACCACGCGA	CGGCGATGCG	CCCCAGCATG	TCAATTCACG	GGCGCTGTAT	GTGGTTATAC
35	54601	GTAACCTGCA	GCCGGGCGAA	CTCGATCGAG	GAGGTGGTCT	TGATGCGCTC	CACGGACGCG
	54661	TTGGCGCTGG	GCGCCTCCCC	CAGTGGCGCG	GCGGTGGCAT	TCCGGGGCTT	GCGGTCTGTC
	54721	TCCCGCATGT	ACTCCCGCAC	GTACAGCTCG	GCGAGCGTGT	TGCTGAGGAG	GGGCTGGTAC
	54781	GCGATGAGGA	AGCCCCCGGT	GGCCAGGTAG	TACTGCGGCT	GGCCACCTT	GATGTGCGTG
	54841	GCGTTGTACT	TGCGCGCAAA	CATGCGGTCT	ATGGCCTCGC	GGGCATCCCG	GCCGATGCAG
40	54901	TCGCCCAGGT	CGACGCGCGA	GAGCGAGTAC	TCCGTTCAGG	TGGTGGTGAA	GGTGGTTCGAG
	54961	ATGGCGTCCG	AGGAGAAAGC	GAAGGAGCCG	CCGTACTCCG	CGCGGAGCAT	CTCGTCCACC
	55021	TCCTGCCACT	TGGTCATGGT	GCAGACCGCC	GGTCCGTTTC	GCACCCAGTC	CCAGGCCACG
	55081	GTAACCTTGG	GGGTGCTCAG	CAAGTTGCGG	GTCTGCGGCG	ACGTGGCCCC	GGCCTTCGTG
45	55141	GTGAGGTCGC	GCGCGTAGAA	GCCGTGACAC	TGCTTGAAGC	GGTGGCGCGT	GTAGCTGGTG
	55201	TGCTCGGTGT	GCGACCCCTC	CCGTTAGCCG	TAAAACGGGG	ACATGTACAC	AAAGTCCGCC
	55261	GTCGCCAGCA	CAAACCTCAT	GTACGGGTAC	ACCGACCGCG	CGTCCACCTC	CTCGACGATG
	55321	CAGTTGACCG	TCGTGCCGTA	CCGATGGAAC	GCCTCCACCC	GCGAGGGGTT	GTAATTGAGG
	55381	TCGGTGGTGT	GCCACCCCGG	GCTCGTGCGC	GTGGCGACCT	TCGCCGGCTT	GAGCTCCATG
	55441	TCGGTCTCGT	GGTCGTCCCC	GTGAAACGCG	GTGGTCTCCA	TGTTGTTCCG	CACGTACTTG
50	55501	GCCGTGGAGC	GGCAGACCCC	CTTGGTGTTA	ATCTTGTCTGA	TCACCTCCTC	GAAGGGAACG
	55561	GGGGCGCGGT	CCTCGAATAT	CCCCATAAAC	TGGGAGTAGC	GGTGGCCGAA	CCACACCTGC
	55621	GACACGGTCA	CGTCTTTGTA	GTACATGGTG	GCTTGAATT	TGTACGGGGC	GATGTTCTCC
	55681	TTGAAGACCA	CCGCGATGCC	CTCCGTGTAG	TCTGCCCCCT	CCGGGCGCGT	CAGGCGACGG
	55741	CGCGGCTGCT	CAAACCTGCAC	CACCGTGGCG	CCGTCGGGG	GCGGGCACAC	GTAACCTGG
55	55801	GCATCGGCGT	TCTCGACCTT	GATTTCCCGC	AGGTGCGCGC	GCAGCGTGGC	GTGGCCGGCG
	55861	GCGACGGTCT	CGTTGGCGTC	GGGGGGCGGG	GTCGCCCTCG	GCCGCTTGGG	CGGCTTTTTG
	55921	GTTTTCCGCT	TCCGGGCCCT	GGTGGTTCGCG	GGGCTCGGGA	CGGGGGGCGG	CCGGGAGGCG
	55981	GGACCCCGCT	TCGCCGCGAC	GGTCGCGGCC	ACGCCGCCCG	AGGCGCGGGG	GGCCGCCGGG
	56041	GCCGCCGGGG	CCGCCGACGC	CACCGCGGCC	ACCAGCGCCC	CCACGACCAG	CGCGCAAATC
	56101	AAGCCCCCCC	CGCGCATGGC	GGGCTTACGG	GGGCGCGTGC	CTCCCGCCGC	CCGCTAGTCT

	56161	GGGGGCGAGG	TGCTGCAGGA	CCGAGTAGAG	GATGGAAAAA	ACGTCTCGGT	CGTAAACCAC
	56221	GACCGAGCGG	GGTCCGATGC	AGCCGTTCGGG	GCCGCTCTCG	ACGATGGCCA	CCAGCGGACA
	56281	GTCGGAGTTG	TACGTGAGGT	ACACGCCCGG	CGGGTAGCGG	TACAGACCTT	CGGAGGTCGG
5	56341	GCGGCTGCAG	TCGGGGCGGC	GCAACTCAAG	CTCCCCGCAC	CGGTAGACCG	ACGCAAAGAG
	56401	TGTGGTGGCG	ATAATGAGCT	CGCGAATATA	TCGCCAGGCG	GCGCGCTGGG	TGGGCGTGAT
	56461	TCCGGAACA	CCGTCAAAAC	AGTAGAAGTT	TTGAAACTCG	CTGACGGCCC	AATCAGCGCC
	56521	CGAACCCCC	GCGCCCATGA	TGAAGCGGGC	GAGTTCCTCC	TTGAGGTGCG	GCAGGAGCCC
	56581	CACGTTCTCG	ACGCTGTAGT	ACAGCGCGGT	GTTGGGGGGC	TGGGCGAAGC	TGTGGGTGGA
	56641	GTGGTCAAC	AGGGGCCCCG	TGACGAGCTC	GAAGAAGCGA	TGGGTGATGC	TGGGGAGCAG
10	56701	GGCCGGGTCC	ACCTGGTGGC	GCAGCAGCGA	CGCTCGCATG	AACCGGTGCG	CGTCAAACAC
	56761	GCCCGGGGCG	GCGCGGTTGT	CGATGACCGT	GCCCCGCGCC	GCCGTCAGGG	CGCAGAAGCG
	56821	CGCGCGCGCC	GCGAAGCCGT	TGGCGACCGC	GGCGAAGGTC	GCGGGCAGCA	CCTCGCCGTG
	56881	GACGCTGACC	CGCAGCATCT	TCTCGAGCTC	CCCCGCGTGC	TCGCGCACGC	AGCGCCCGAG
	56941	GCTGGCCAGC	GACCGCTTGG	TCAGGCGGTC	CGCGTACAGC	CGCCGGCGCT	CCCGCACGTC
15	57001	GCGGGCGGCC	CGCGTCGCGA	TGTCGCCCCA	GCTCTCCGGC	CCCTGCGCCC	CTGGCTCGGG
	57061	GCCGCGCTCC	CCGTCTCTCG	TCGCGGGCGT	CCCCGCGCCA	CGCCTCCGCC	CCCCCTCCTC
	57121	CGCGGCGGCC	CGGGGCTCTT	CCTCCTCGGC	CCCCCCGGTC	GCGCCGCCGG	CCCCCAGCCG
	57181	CGCCAGCACG	CGGCGCAGCG	CCTCCTCGTC	GCACTGCTCG	GGGCTGACGA	GCCGCCGCAG
	57241	CAGCGGCGTC	GTCAGGTGGT	GGTCGTAGCA	CGCGCGTATC	AGCGCCTCGA	TCTGATCGTC
20	57301	GGGCGACGTC	GCCTGGCCGC	CGATGATCAG	GGCGTCCACC	ATGTCCAGCG	CCGCCAGGTG
	57361	GCCCCCGAAC	GCGCGATCGA	AGTGCTCCGC	CCGCCGCCCG	AACAGCGCCA	GCTCCACGGC
	57421	CACCGCGGCG	GTCTCCTGCT	GCAGCTCGCG	CTGCGCCAGC	GCGTTCAGGT	TGTCGGCGAA
	57481	GGCGTCCATG	GTGGAGTGGC	GGGCGCGATC	GCCGGACGCC	AGCCAGAAGC	GCAGCTCGCT
	57541	GATGGCGTAC	AGGCCGGGCG	TAGTGCCCTG	AAACACGTCA	TGCGCCTCCA	GCAGGGCGTC
25	57601	GGCCTCCTCG	CGGACAGAAG	AGCTATCGGC	GCGCGGCGGG	CCGCGCCTGG	CCCCGCCGCC
	57661	CGCCGCGGTC	CGCGCCAGCG	CCTGGTCCAG	CACACAGAGC	GCTCGCGCGC	GGGCGGCGTC
	57721	CGACAGCCCG	GCGGCGTGGG	GCAGGTACCG	TCGCAGCTCG	TTGGCGTCCA	GCCGCACCTG
	57781	GGCCTGTTGG	GTGACGTGGT	TACAGATGCG	GTCCGCCAGG	CGGCGGGCGA	TGGTCGCCCC
	57841	TTGGTTCGCG	GTGACGCACA	GCTCCTCGAA	ACAGACCGCG	CACGGGTGGG	ACGGGTCGCT
30	57901	CAGCTCCGGG	GGCAGCATGA	GGCCCGACCC	CACCGCCGCC	ACCATAAACT	CCCGGACGCG
	57961	CTCCAGCGCG	GCCGTGGCGC	CGCTCGGGGG	GGTGATGAGG	TGGCAGTAGT	TCAGCTGCTT
	58021	GAGAAAATTC	TCGACATCAT	GCAGGAAGCA	GAGCTCCATG	CGGACGTCCC	CGCCGTACGT
	58081	CTGCAGCCGG	ATCTGCTGGT	GGTACGGACA	GGTTCGGGCC	AGACCCATGG	TCTCGGTGAA
	58141	AAAGGCAGAG	ACGTACCCCG	TGGTCGCGAA	CGTTTCCAGG	TGGCCAGGGA	GCCGCTCCCC
35	58201	CTCGCGCCAC	GCGTACTCCA	GGAGCAACTC	CAGGGTGACC	GACAGCGGGG	TGAGAAAGGC
	58261	GGCGGCCTGA	GCCTCCAGCC	CCGGCCGCAG	GTGCCGCCGC	AGCACGCGCA	CCTGGAGCGC
	58321	GTTGAGTTTT	AGCTGGGCGA	GCTTCCCCAG	GCCGATCTGG	GGGTCGCATC	GTGGAAGCAG
	58381	CTCTAGCTGA	AAAACGTACG	TCTGTACCTG	CCCGAGCAGG	GCCAACAGTT	TCTGTGCGGC
	58441	CGCAGTGGGC	TCGGAACCG	CGGCCGGGGG	CGCGGCCGCC	ATGGCGAGTC	ACCCGGCCGT
40	58501	GCTGTGGTTT	AGTTAAGGTT	TGGGGGGGGG	TGGGTGAGAG	GCGCGCCCCG	CGCGGACTGA
	58561	TGCGGCGGCG	GGCCCCGTGAC	ATCCCCCTCT	TATGCCCGTC	GCCCGCCCGC	CCGCCCCGCC
	58621	GGTGTGCCGT	GATTGCGGGA	GTCGGGCGCT	TGTGTTTCTT	TCTTTCCCCC	CCGAATCCGT
	58681	TCTTTCTTCC	TCACCCCCCC	CTCCCCACAC	ACCCACCCAG	GACTCGCCAC	CACAAGGAGG
	58741	CGAGAGCCCG	TCGCTAACCC	AAAGACACAG	TCACGAGACA	CGATATCGAC	TGTAGTTGCG
45	58801	ATCGTTTTATT	TTATACACAA	CACCAACCTT	TCCTTCGACC	CCCCCACC	CCGCCCTAG
	58861	AGCATATCCA	ACGTGAGGTC	CTTTTCTCTC	GGTGGTCCCT	CCCCAAACGG	ATCGTCGCCG
	58921	TGAAACGCCC	GCTTTTCGGG	GACGCCGGCC	GCCCCCGCCG	CCGCCGCCAA	ACCGCCGAAC
	58981	GACGCCGCGT	GGTCATCCTC	GTCGCCGAAA	TCCCCAAAGT	TAAACACCTC	CCCGGCGGCG
	59041	CCGAGCTGGC	TGACCAGGGC	CTCCGCCTCG	TGGGCCACCT	CCAGGGCCGC	GTCGGTCGAC
50	59101	CACCTCGCAT	GCCCCGCGTC	CAGGGCGCGG	GTGGTAAACT	CCATCATTTT	CTCGCTCAGG
	59161	TACTCGTCC	CCAGCAGCGC	CAGCCAGTCC	TCGATCTGCA	GCTGCTGGGT	GCTGGGGCCC
	59221	AGGCTCTTGA	CGGTCGCCAC	AAACACGCTG	CTGGCGACCG	CCGCCCGGCC	CTCCGCAATG
	59281	ATGCCCCGGA	GCTGCTCGCA	CAGCGAATGC	TCGTGGGCCC	CGCCCCGAG	ACTCGACGCC
	59341	GCGCACACAA	ACCCGGCCCT	GGGGCAGGCC	AGGACAAACT	TGCGGGTGCG	GTCAAAGATC
55	59401	AGCAGCGGGC	ACGCGTTTTT	GCCGCCCAGC	AGGCTGGCCC	AGTTCCCGGC	CTGAAACACG
	59461	CGGTCGTTGC	CGGCCATGCC	GTAGTATTTG	CTGATGCTGA	GGCCAGCAC	GACCATCGGG
	59521	CGCGCGGCCA	TCACGGGCCG	CAGCAGGTTG	CAGCTCGCGA	ACATGGACGT	CCAGGCGCCG
	59581	GGGTGCGCGT	CGAGGGAGTC	CATCAGCGCG	CGGGCCCCCG	CCTCCAGGCC	CGCGCCGCC
	59641	TGCGGGGCC	AGGCGGCCCG	CGCCTGCACG	CTGGGGGGAC	GCGGGGACCC	GGCGATGACG

	59701	GCCGTGAGGG	TGTTTATGAA	GTACGTCGAG	TGGTCGCAGT	ACCTCAAGAT	CTGGTTGGCC
	59761	ATGTAGTACA	TGGCCAGTTC	GCTCACGTTA	TTGGGGGGCCA	GGTTGATAAA	GTTAATCGCG
	59821	CCGTAGTCCA	GGGAGAACCT	CTTAATGAAC	GCGATGGTCT	CTATGTCTTC	GCGCGACAAG
	59881	AGCCGGGCGG	GGAGCTGGTT	GCGCTGGAGG	GCGGTCCAGA	ACCACTGCGG	GTTCGGCTGG
5	59941	TTGACCCCCG	GGGGCTTGCC	GTTGGGAAAG	ATGACCGCGT	GGAAGTGC'TT	CAGCAGGAAG
	60001	CCCAGCGGTC	CGAGGAGGAT	GTCCACGCGC	TTGTGCGGCT	TCTGGTAGGC	GCTCTGGAGG
	60061	CTGGCGACCC	GCGCCTTGGC	GGCCTCGGAC	GCGTTGGCGC	TGCGCGCCGC	GAACAACACG
	60121	CGGCTCTTGA	CGCGCAGTTC	CTTGGGAAAC	CCAAGGGTCA	CGCGGGCAAC	GTGCCCCTCG
	60181	AAGCTGCTCT	CGGCGGGGGC	CGTCTGGCCG	GCCGTTAGGC	TGGGGGCGCA	GATAGCCGCC
10	60241	CCCTCCGAGA	GCGCGACCGT	CAGCGTCTTC	GCCGACAGGA	ACCCGTTGTT	GAACAGGTCC
	60301	ATGACGCGCC	GCCGCAGCAC	CGGTTGGAAT	TGATTGCGAA	AGTTGCGCCC	CTCGACCGAC
	60361	TGCCCCGGCGA	ACACCCCGTG	GCACTGGCTC	AGGGCCAGGT	CCTGGTACAC	GGCGAGGTTG
	60421	GACCGCCCGC	CGAGGAGCTG	CAGCAGGGGG	CACGGCCCCG	AGGTGTACGG	GTCCAGCGAC
	60481	AGCGACATGG	CGTGGTTGGC	CTCGGCCAGA	CCGTGCGCGA	ACTTAAAGTT	GCGCCCCCTG
15	60541	ATCAGGTTGC	GCATCAGCTG	TTCCACCTCG	CGATCCACCA	GCTGCTTGAT	GTTGTTTACC
	60601	ACCGTGTGCA	GGGCCCTCGC	GTTGCCGATA	ATCGTCTCCA	GCCTCCCCAG	GGCCGTGGGC
	60661	ACCGCCTGGT	CCACGTACTG	CAGGGCCTCG	AGCTCGGCCA	TGACGCGCTC	GGTGGCCGCG
	60721	CGGTACGTCT	CCTGCATGAT	GGTCCGGGTG	TTCTCGGACC	CGTCCGCGCG	CTTCAGGGCC
	60781	GAGAAGGCGG	CGTAGTTCCC	CAGCACGTCG	CAGTCGCTGT	ACGCGCTGTT	CATCGTTCCG
20	60841	AAGACCCCAA	TGGCCCCCGG	GGCGGCGCTC	GCGAACTTGG	GGTGGCGGGC	CCGCAGCCGC
	60901	ATCAGCGTCG	TGTGCGCGCA	GGCGTGGCGG	GTCTCGAAGG	TACACAGGTT	GCAGGGCACG
	60961	TCGGTCTGGC	CCGAGTCCGC	GACGTAGCGA	AACACGTCCA	TCTCCTGGCG	CCCGACGATG
	61021	ACTCCGCCGT	CGCAGCGCTC	CAGGTAAAAC	AGCATCTTGG	CCAGCAGGGC	CGGAGAGAAC
	61081	CCGCACAGCA	TGGCCAGGTG	CTCGCCGGCG	AACTCCTGGG	TTCCGCCGAC	GAGGGCCGCC
25	61141	GTGGGGCGCC	CCTCGTACCC	GGGCAACGCG	TGGCCCTCGC	GGTCCAGCTG	CGGGTTGGCC
	61201	GCCACGTGCG	TGCCGGGCAC	GAGAAAAGAA	CGGTAAAAGG	AGGGCTTGCT	GTGGTCTCTG
	61261	GGGTCCGCCG	GCCCGGCGTC	GTCCACCTCG	GTCAGGTGGA	GGGCCGAATT	GGTGCTGAAC
	61321	ACCATGGCGC	CCACGAGGCC	CGCGGCGCGC	GCCAGGTACG	CCCCGACGGC	GCCGGCGCGG
	61381	GCCGCGGGCG	TTTCTCTGGC	CTCAAGCAGG	GGCCACGTGG	TGATGTCGGG	GGGCGGCTCG
30	61441	TCAAAGACCG	CCATCGACAC	GATGGACTCC	AGGGCCAGGG	CGGCGTCGCC	CGCCATCACC
	61501	GAGGCCAGGC	GCTGCTCAAA	CCCGCCCGCC	GGGCCCTTGT	TCCCGGCGTC	GCGCGCGCCC
	61561	CGCTGGGGCT	TACCCTGGCT	GGCCTCGAAG	GCCGTGAACG	TAATGTCGGG	GGGGAGGGCC
	61621	CGCCCCCTGT	GGTTTTCTGT	GAACGCCAAG	TGGGCGGGCG	CGCGGGCCAC	CGCGTCCACG
	61681	TTCCGGGCAC	GCAGGGCCAC	GGCGGCGGGC	CCGACGACCG	CCTCGAACAG	CAGGCGGGCG
35	61741	AGGGGGCGGT	TGAAAAACGG	AAGGGGGTAG	TTGAAATTCT	CCCCGATCGA	TCGGTGGTTG
	61801	CAGTTAAACG	GATCGGCGAT	GACCCGGCTA	AAATCCGGCA	TAAACATCTG	CAGCGGATAC
	61861	ACGGGGATGC	GGTGAACCTC	CGCGTCCCCG	ATGGTTACCT	TGTCCATCCC	GCCCAGATGC
	61921	AGGAAGGTGT	TGCTGATGCA	CACGGCCTCC	CGGAAGCCCT	CCGTGATCAC	CAGATACAGC
	61981	AAGGCCCGGT	CCGGGTCCAG	TCCGAGCCGC	TCGCACAGCG	CGTCCCCCGT	CGTCTCGTGC
40	62041	TTTAGGTCGC	AGGGCCGGGG	CGCGTAGTCC	GCGAAGCCAA	AATGCGGGCG	CGCCCGCTCG
	62101	CAGAGCCCGG	TCAGGTTGGG	GGCCTGGGTG	CTGGGGGGCA	GGTGGCGGGC	GCCGTGAAAG
	62161	ACGTAAACGG	ACGGGCTGTA	GTGCGAGGGC	ATAAGCTTGA	GGGACACCGC	GGTCCCCCCA
	62221	AGGCCCGTCT	TGCGGGACCC	GACGACCGCG	GCCACGTTGG	CCTCAAACCC	GCTCTCCACG
	62281	GTCAGGCCGA	CGATGAGGGG	CGCGACGGCG	ACGTCCGCGT	CGCCGCTGCG	CGCCGACAGT
45	62341	AGCGACAGCA	GCTCCAGGCC	TTCGGCCGGA	CAGGCGCGGC	CATACACGTA	CCCCATCGGC
	62401	CCCGGAGGAA	CCTTGACGGT	GGTCGTCTGT	TTGGGCTTGG	TGTCCATGGC	TTTCGGGAGA
	62461	TCGGCGACCG	GCAGGAACGG	GGGCCCGGCA	AGACGACCGG	GGGCAGACGG	GGGAGGCCGC
	62521	GCGTGGTCTG	CGGCTGCTGC	CCGCCGTCTG	CTCTCCGATG	GGGTCTGAATG	CCGGCGCTGG
	62581	GGGTGGGGTC	TACACCCGCC	CGTTCGCCGA	GCGGCCCCTG	GTGGGGGTGG	GATGGGTGGG
50	62641	ATGGGGTGGG	CGAGAATGGC	CCGCCACCGG	ATCGCGCCGG	ACGGGGGGGG	CCGGGGTTGG
	62701	GCAAGGTTTG	GGCGCAAGGC	TCCGCGGGCG	ATTGAGAGAG	CCTGCGGATG	GCGGGCCAGA
	62761	GCTGGGTATG	CTCGGCCGGG	GCGGCCGGTA	TATGTACGGC	GTGCTGGGAG	GGGCGGCGTC
	62821	GGGCCCCGCC	CACGGTCCGC	CACGCCCCGC	GCGTCATCGG	CAGGGGGCGT	GGCCGCCCTT
	62881	CTAAAAAAG	TGAGAACCGG	AAGCGTTCGC	ACTTTGTCTT	AATAATATAT	ATACTATTAG
55	62941	GACAAAGTGC	GAACGCTTCG	CGTTCCTACT	TTTTTTTAGAA	GGGCGGCCAC	GCCCCCTTTG
	63001	ACGTACAGCT	CACCCGGGGC	GCCGGCCGCC	CATAAGCGCG	GCTTGCCTGG	CCGATAAAAA
	63061	GAAACCGCGG	CGCCCCCGCG	GACACCACAC	ACTGGCTCTC	GAACCCCGGA	CGCGCAGAAG
	63121	GGACCCGGGC	GCGGGTCCGC	CGGTAAGAGC	CGGGGGGAAC	ATCGGCACCG	CCATCCCACC
	63181	CCGAGCTGTT	GGGTGGGCGG	GTGGGGGGGC	TGGTGAGGCG	G'TGGTGGGAG	GGGGCGGCGT

	63241	ATAGCAGGAC	AACGACCGGC	GGCGATGTTT	TGTGCCGCGG	GCGGCCCGGC	TTCCCCGGG
	63301	GGGAAGCCGG	CGGCTCGGGC	GGCGTCTGGG	TTTTTTGCCC	CCCACAACCC	CCGGGGAGCC
	63361	ACCCAGACGG	CACCGCCGCC	TTGCCGCCGG	CAGAACTTCT	ACAACCCCCA	CCTCGCTCAG
5	63421	ACCGGAACGC	AGCCAAAGGC	CCTCGGGCCG	GCTCAGCGCC	ATACGTACTA	CAGCGAGTGC
	63481	GACGAATTTT	GATTTATCGC	CCCGCGTTCC	CTGGACGAGG	ACGCCCCCGC	GGAGCAGCGC
	63541	ACCGGGGTCC	ACGACGGCCG	CCTCCGGCGC	GCCCCAAGG	TGTACTGCGG	GGGGGACGAG
	63601	CGCGACGTCC	TCCGCGTGGG	CCCGGAGGGC	TTCTGGCCGC	GTCGCTTGCG	CCTGTGGGGC
	63661	GGTGCGGACC	ATGCCCCCGA	GGGGTTCGAC	CCCACCGTCA	CCGTCTTCCA	CGTGACGAC
	63721	ATCCTGGAGC	ACGTGGAACA	CGCGTACAGC	ATGCGCGCCG	CCCAGCTCCA	CGAGCGATTT
10	63781	ATGGACGCCA	TCACGCCCGC	CGGGACCGTC	ATCACGCTTC	TGGGTCTGAC	CCCCGAAGGC
	63841	CATCGCGTCG	CCGTTCACGT	CTACGGCAGC	CGGCAGTACT	TTTACATGAA	CAAGGCGGAG
	63901	GTGGATCGGC	ACCTGCAGTG	CCGTGCCCCG	CGCGATCTCT	GCGAGCGCCT	GGCGGCGGCC
	63961	CTGCGCGAGT	CGCCGGGGGC	GTCGTTCCGC	GGCATCTCCG	CGGACCACTT	CGAGGCGGAG
	64021	GTGGTGGAGC	GCGCCGACGT	GTACTATTAC	GAAACGCGCC	CGACCCGTGA	CTACCGCGTC
15	64081	TTCGTGCGAA	GCGGGCGCGC	GCTGGCCTAC	CTGTGCGACA	ACTTTTGCCC	CGCGATCAGG
	64141	AAGTACGAGG	GGGGCGTCGA	CGCCACCACC	CGGTTTATCC	TGGACAACCC	GGGGTTTGTG
	64201	ACCTTCGGCT	GGTACCGCCT	CAAGCCCGGC	CGCGGGAACG	CGCGGCCCCA	ACCGCGCCCC
	64261	CCGACGGCGT	TCGGAACCTC	GAGCGACGTC	GAGTTTAACT	GCACGGCGGA	CAACCTGGCC
	64321	GTCGAGGGGG	CCATGTGTGA	CCTGCCGGCC	TACAAGCTCA	TGTGCTTCGA	TATCGAATGC
20	64381	AAGGCCGGGG	GGGAGGACGA	GCTGGCCTTT	CCGGTCGCGG	AACGCCCGGA	AGACCTCGTC
	64441	ATCCAGATCT	CCTGTCTGCT	CTACGACCTG	TCCACCACCG	CCCTCGAGCA	CATCCTCCTG
	64501	TTTTCGCTCG	GATCCTGCGA	CCTCCCCGAG	TCCCACCTCA	GCGATCTCGC	CTCCAGGGGC
	64561	CTGCCGGCCC	CCGTGCTCCT	GGAGTTTGAC	AGCGAATTCG	AGATGCTGCT	GGCCTTCATG
	64621	ACCTTCGTCA	AGCAGTACGG	CCCCGAGTTC	GTGACCGGGT	ACAACATCAT	CAAGTTCGAC
25	64681	TGGCCCTTCG	TCCTGACCAA	GCTGACGGAG	ATCTACAAGG	TCCCGTTCGA	CCGCTACGGG
	64741	CGCATGAACG	GCCGGGGTGT	GTTCCGCGTG	TGGGACATCG	GCCAGAGCCA	CTTTCAGAAAG
	64801	CGCAGCAAGA	TCAAGGTGAA	CGGGATGGTG	AACATCGACA	TGTACGGCAT	CATCACCGAC
	64861	AAGGTCAAAC	TCTCCAGCTA	CAAGCTGAAC	GCCGTCGCCG	AGGCCGTCTT	GAAGGACAAG
	64921	AAGAAGGATC	TGAGCTACCG	CGACATCCCC	GCCTACTACG	CCTCCGGGCC	CGCGCAGCGC
30	64981	GGGGTGATCG	GCGAGTATTG	TGTGCAGGAC	TCGCTGCTGG	TCGGGCAGCT	GTTCTTCAAG
	65041	TTTCTGCCGC	ACCTGGAGCT	TTCCGCCGTC	GCGCGCCTGG	CGGGCATCAA	CATCACCCGC
	65101	ACCATCTACG	ACGGCCAGCA	GATCCGCGTC	TTACAGTGCC	TCCTGCGCCT	TGCGGGCCAG
	65161	AAGGGCTTCA	TCCTGCCGGA	CACCCAGGGG	CGGTTTCGGG	GCCTCGACAA	GGAGGCGCCC
35	65221	AAGCGCCCGG	CCGTGCCTCG	GGGGGAAGGG	GAGCGGCCGG	GGGACGGGAA	CGGGGACGAG
	65281	GATAAGGACG	ACGACGAGGA	CGGGGACGAG	GACGGGGACG	AGCGCGAGGA	GGTCGCGCGC
	65341	GAGACCGGGG	GCCGGCACGT	TGGGTACCAG	GGGGCCCGGG	TCCTCGACCC	CACCTCCGGG
	65401	TTTCACGTCG	ACCCCGTGGT	GGTGTTTGAC	TTTGCCAGCC	TGTACCCAG	CATCATCCAG
	65461	GCCCACAACC	TGTGCTTCAG	TACGCTCTCC	CTGCGGCCCG	AGGCCGTGCG	GCACCTGGAG
	65521	GCGGACCGGG	ACTACCTGGA	GATCGAGGTG	GGGGGCCGAC	GGCTGTTCTT	CGTGAAGGCC
40	65581	CACGTACGCG	AGAGCCTGCT	GAGCATCCTG	CTGCGCGACT	GGCTGGCCAT	GCGAAAGCAG
	65641	ATCCGCTCGC	GGATCCCCCA	GAGCACCCCC	GAGGAGGCCG	TCCTCCTCGA	CAAGCAACAG
	65701	GCCGCCATCA	AGGTGGTGTG	CAACTCGGTG	TACGGGTTCA	CCGGGGTGCA	GCACGGTCTT
	65761	CTGCCCTGCG	TGCACGTGGC	CGCCACCGTG	ACGACCATCG	GCCGCGAGAT	GCTCCTCGCG
45	65821	ACGCGCGCGT	ACGTGCACGC	GCGCTGGGCG	GAGTTCGATC	AGCTGCTGGC	CGACTTTCCG
	65881	GAGGCGGCCG	GCATGCGCGC	CCCCGGTCCG	TACTCCATGC	GCATCATCTA	CGGGGACACG
	65941	GACTCCATTT	TCGTTTTGTG	CCGCGGCCTC	ACGGCCGCGG	GCCTGGTGGC	CATGGGCGAC
	66001	AAGATGGCGA	GCCACATCTC	GCGCGCGCTG	TTCC'TCCCC	CGATCAAGCT	CGAGTGCGAA
	66061	AAAACGTTCA	CCAAGCTGCT	GCTCATCGCC	AAGAAAAAGT	ACA.TCGGCGT	CATCTGCGGG
	66121	GGCAAGATGC	TCATCAAGGG	CGTGGATCTG	GTGCGCAAAA	ACAAC'TGCGC	GTTTATCAAC
50	66181	CGCACCTCCA	GGGCCCTGGT	CGACCTGCTG	TTTTACGACG	ATACCGTATC	CGGAGCGGCC
	66241	GCCGCGTTAG	CCGAGCGCCC	CGCAGAGGAG	TGGCTGGCGC	GACCCCTGCC	CGAGGGACTG
	66301	CAGGCGTTTC	GGGCCGTCCCT	CGTAGACGCC	CATCGGCGCA	TCAACGACCC	GGAGAGGGAC
	66361	ATCCAGGACT	TTGTCCTCAC	CGCCGAAC'TG	AGCAGACACC	CGCGCGCGTA	CACCAACAAG
	66421	CGCCTGGCCC	ACCTGACGGT	GTATTACAAG	CTCATGGCCC	GCCGCGCGCA	GGTCCCGTCC
55	66481	ATCAAGGACC	GGATCCCCGT	CGTGATCGTG	GCCCAGACCC	GCGAGGTAGA	GGAGACGGTC
	66541	GCGCGGCTGG	CCGCCCTCCG	CGAGCTAGAC	GCCGCCGCCC	CAGGGGACGA	GCCCCGCCCC
	66601	CCAGCGGCCC	TGCCCTCCCC	GGCCAAGCGC	CCCCGGGAGA	CGC'CGTCGCA	TGCCGACCCC
	66661	CCGGGAGGCG	CGTCCAAGCC	CCGCAAGCTG	CTGGTGTCCG	AGCTGGCGGA	GGATCCCGGG
	66721	TACGCCATCG	CCCGGGGCGT	TCCGCTCAAC	ACGGACTATT	ACTTCTCGCA	CCTGCTGGGG

	66781	GCGGCCTGCG	TGACGTTCAA	GGCCCTGTTT	GGAAATAACG	CCAAGATCAC	CGAGAGTCTG
	66841	TTAAAGAGGT	TTATTCCCGA	GACGTGGCAC	CCCCCGGACG	ACGTGGCCGC	GCGGCTCAGG
	66901	GCCGCGGGGT	TCGGGCCCGC	GGGGGCCGGC	GCTACGGCGG	AGGAAACTCG	TCGAATGTTG
5	66961	CATAGAGCCT	TTGATACTCT	AGCATGAGCC	CCCCGTCGAA	GCTGATGTCC	CGCATCTTGC
	67021	AATAAATGTC	TGCGGCCGAC	ACGGTCGGAA	TTTCCGCGTC	CGCTGGTTTC	TCTGCGTTGC
	67081	GTCCTGACCAC	GAGCACAAAC	GTGCTCTGCC	ACACGTGGGC	GGCGAACCAG	TAGCCGGGGC
	67141	ACGCGGTACG	CATCCGATCG	ATGAGCCGGT	AGTGCAGGTG	GGCCGACGTG	CCGGGGGAAGA
	67201	TGACGTACAG	CATGTGGCCC	CCGTACGTGG	GGTCCGGGTA	AAAAAGAAAC	CGGGGGTCCG
	67261	ACGCCCCCCC	TCCGCGCAGG	ATCGTGTGCA	CGAAAAAGAG	CTCGGGCTGG	CCGAGCGTAT
10	67321	CGGCCAGGAG	GTCTTGAGAG	GGGGTGCTGT	GGCGGTCGGC	CAGCACGACC	AGGGAGGCCA
	67381	GAAAGGTGCG	GTGCTCAAAG	ATCGTATTGA	TCTGCTGCAC	GAAGGCCAGG	ATGAGGGCCT
	67441	CGCGGCTGAC	GGTGGCCAGC	CGCCCGTCGC	CCGCGCTGCA	CGCGGGGCAG	CAGCCCCCGA
	67501	TCCCCAGGTA	GTAGCCCATG	CCCCGAGAGG	TCAGGCAGTT	GTCGGCCACG	GTCTGGTCCA
	67561	GGCTGAAGGG	GAGCGACACG	GGGGTCGTCT	TCACCAGGGG	CACGGAGAGC	GAGCGCACGA
15	67621	TGGCGATCTC	CTCGGAGGGC	GTCTGGGCGA	GGGCGGCGAA	GAAGCCGCGG	TAGCGACGGC
	67681	GCTCGTGCAG	GCAGAGCTCC	AGCCTGCGCG	CGTGCGACGG	CAGGCTCTTG	CGGGAGGCCC
	67741	GGCGCTCCAC	GCCGGGGTTC	CCGGCGGCGG	AAAAGCGCGA	CCGCCGCCGG	GTCTTGTCGC
	67801	GGCCGGGCCC	GGGCCGGGAG	CCGGAGCGAC	GGGGGGCGAT	GTCATACATA	GGTACAGAGG
	67861	GTGTGCTCCA	GGGACAGGAG	AGAGATCGAG	TGTCTGTCTGA	GCAGCGCGCC	GGCCTCGCGG
20	67921	ACAAATGTGG	CCAGCGCGGT	GGGCTTCGGC	ACAAATACCT	GGTACGTCTT	GAAGGTGTAG
	67981	ATGAGGGCCC	GCAGGGCTAT	ACAGACCCGC	CCCTCGAACT	CGTTGCCGCA	GGCCAACCTG
	68041	GCCTTGTAAG	GCTGCAGCTC	GTCGCGATGG	TCGGCGCGGG	GGTGGCCAAA	CAGGACCCAG
	68101	GGGTCGACTT	CCATCTCCGT	GATGGCGCAC	ATCGGATCGC	AGAACATGTG	CTTGAAGATG
	68161	GCCTCGGGGC	CCGCGGCCCC	AAGCAGGCTC	ACGAACCGGC	CCCCGTCCCC	GGGCTGCGCC
25	68221	TCGGGGTCCG	CCTCGAGCTG	GTCCACGACC	GGCACTATGC	AGTCGAAGAG	GCTGGTGTGTG
	68281	TTCTCCGAGT	AGCGGACGAC	GGACGCCCTC	AGGCGTTCGA	TGGCCAGCCA	GTAGGCCCGC
	68341	ACCAGCAACA	GATTGCACAG	CAGGCATTCC	CCGCCGGTGC	GCCCGCGCCC	CCGGCCGTGC
	68401	TTCAGCACGG	TGGCCATCAG	CGGGCCCAGG	TCCAGGTTCG	GCTGGGGCTG	GGGCTCGGCG
	68461	AACTGCGCAA	AACGCGGGGC	CGCGTCGCGC	ATGCGCGCCC	CGCGGTGCGC	TTCCCAGGAC
30	68521	TCGCTGACCG	CGGCGCGGCG	GGCGTCCGCG	GCGGCGCGCA	GCCGGGGCCC	CGACTCCCAG
	68581	ACGGCGGGGG	TGCCGGCGAG	CAGCAGCAGG	ATCAGGTTCG	CGTACGCCCA	CGTCTCCGGC
	68641	TCACCCCCCT	GCGCCAGCGC	CCCGGCGGCG	GCCTCGAACT	CCCCGTTGCG	GGCGGCGGCG
	68701	CGCGTGCAGC	AGCTGTCTCC	GCCCCGCGCG	TTGCCCTCGG	TGCAGTCGAG	CAGGCGGGCG
	68761	CAGTCCTTCC	AGTTTCATCAG	GGCGGTGGTG	AGGGAGGGTT	GCGTTCCCGA	GCCCCCGCCC
35	68821	GCCCCCGCCC	CCGCCCCGTC	ATCGCCCCCG	GAGGCCAGGG	TCCCGATGAG	GGCCCCGGGT
	68881	GCGGACTGCG	CGAGGAAGGA	ATAGTTGGAG	TACTGCACCT	TGGCGGCGCC	CGGGGAGGGC
	68941	GTCGGCCTGG	GTTGCTTCTG	GGCGTGGCGC	CCGGGCACCC	CGCCGTTCGT	CCGGAAGCAG
	69001	CAGTGGAGAA	AGAAATGCCG	GTGGATGTGC	TTGATGGTCA	GGGCGAAGCG	CGCGAAGGAG
	69061	CCGACAAGGG	TCGCCTTCTT	GGTGCGCAGG	AAGTGGTGGT	CCATGACGTA	GACGAACCTG
40	69121	AAGGCGGCCA	CGAAGATGCT	CGCGGCGCAG	TGGGGCGCGC	CCAGGCACCT	GGCGCAGAGG
	69181	AACGCGTAAT	CGGCCACCCA	CTGGGGCGAG	AGGCGGTAGG	CCTGCTTGTA	CAGCTCGATG
	69241	GTGCGGCAGA	CCAGACAGGG	GCGGTCCAGC	GCGAAGGTGT	CGACGGACGC	CGCGGCGAAG
	69301	GGCCCCGTGT	CCAAGAGTCC	CTCTGCCGTG	GGGTCTGCGG	GCGGGCCGCG	GGCGGACCCC
	69361	GGCCCCCGCC	CCCCCGAAGC	CTCGCGCGCG	GCCCCGCGCG	GCCGCGGGGG	GGCGGGCGCG
45	69421	ACGTCGCTCT	CCACGTCTCT	GTCGAGCGCG	CTCGCGGGCG	GCACGCCCTA	CACGTGACAG
	69481	GCCGCCAGGA	GCTCGGCGCA	CAGGGCCTCG	TTAAGAGCCA	GAAGGTTCGG	ATCGAAGGCC
	69541	ACATACGGAC	GCTCGAACGC	GCCCTCCTTC	CAGCTGCTGC	CCGGCGACTC	TTGCGCGACG
	69601	GCGGCGCTCG	ACGGCACCCC	CGGGGCGGAC	GTCGCCATGG	CCGGTCGAGC	GGGGCGCACG
	69661	CGTCCGCGAA	CGTTACGGGA	CGCGATCCCC	GACTGCGCGC	TGCGGTCCCC	GACCCTGGAA
50	69721	AGTCTAGACG	CGCGCTACGT	CTCGCGAGAC	GGCGCGGGGG	ACGCGGCCGT	CTGGTTTCGAG
	69781	GACATGACCC	CCGCCGAAC	AGAGGTTATA	TTCCCCACCA	CGGACGCCAA	GCTGAACCTA
	69841	CTCTCGCGGA	CGCAGCGGCT	GGCCTCCCTC	CTGACGTACG	CCGGGCTTAT	AAAAGCGCCC
	69901	GACGGCCCCG	CCGCCCCACA	TACGCAGGAC	ACCGCGTGCG	TGCACGGCGA	GCTGCTCGCC
	69961	CGAAAGCGCG	AACGGTTCGC	GGCGGTTCAT	AACCGGTTCC	TGGACCTGCA	CCAGATCCTG
55	70021	CGGGGCTGAC	GCGCGCTTCG	GCGGGGCACC	GGCACCGGGA	CCGACTTGTT	TTACATAACA
	70081	GTAGGGGGTG	GGGGAACCGG	CACCTTTGCC	CGGTCGCGAT	GGCGGGGATG	GGGAAGCCCT
	70141	ACGGCGGCCG	CCCGGGGGAC	GCGTTCGAGG	GTCTCGTTCA	GCGCATCAGG	CTCATTGTTT
	70201	CCGCCACGCT	GCGCGGCGGG	GGTGGGGAGT	CGGGCCCTTA	CTCGCCATCC	AACCCGCCCT
	70261	CGAGATGTGC	CTTCCAGTTC	CACGGCCAGG	ATGGGTCCGA	CGAGGCCCTT	CCGATCGAGT

	70321	ACGTCCTGCG	GCTCATGAAC	GACTGGGCCG	ATGTGCCCTG	CAACCCCTAC	CTGCGCGTGC
	70381	AGAACACCGG	CGTTTTCGGT	CTGTTTCAGG	GGTTTTTTAA	CCGGCCCCAC	GGCGCCCCGG
	70441	GGGGCGCGAT	CACGGCGGAG	CAGACCAACG	TGATTCTGCA	CTCCACCGAG	ACGACGGGAC
5	70501	TGTCCCTCGG	AGACCTGGAC	GACGTCAAGG	GGCGCCTCGG	CCTGGACGCC	CGGCCGATGA
	70561	TGGCCAGCAT	GTGGATCAGC	TGCTTTGTGC	GCATGCCCCG	GGTGCGCGCC	GCCGAGCAGG
	70621	TCATGGGCCC	CGAGGACGCC	GTTTCGCACG	GGCGGATCCT	GTGTGCGGCC	GCCGAGCAGG
	70681	CCCTCGCCCC	TCGCCGCCGG	TCCAGGCGGT	CCCAGGATGA	CTACGGGGCG	GTGGTGGTGG
	70741	CGGCGGCGCA	CCACTCTTCC	GGAGCGCCCC	GGCGGGGGGT	CGCCGCCCTCG	GGCCCGCCAG
10	70801	CGCCGCCCGG	ACGGGGACCG	GCCCCGTCCG	GGCATCAGGC	CGTGCACTTG	TTCCGGGGCCC
	70861	CGCGTCCGGG	CCCCCCGGCG	CTTCTGTTGC	TGGCGGCGGG	GCTGTTTCTG	GGGGCCGCTA
	70921	TCTGGTGGGC	GGTTGGCGCG	CGCCTATGAA	AGGGGGCGAG	CCACCGTCCC	GCCCGCCAGT
	70981	GCATCCAGCA	CGCCCGCGAG	CCGCACATCC	CCTCCGCTCC	CGCCTCCGGC	CCGATTCTTA
	71041	CGGCGCGACC	CAAGGTCCCG	ATGGCCGCCC	CGCAGTTTCA	CCGCCCCAGC	ACCATTACCG
15	71101	CCGACAACGT	CCGGGCGCTC	GGCATGCGCG	GGCTCGTGTT	GGCCACCAAC	AACGCTCAGT
	71161	TCATCATGGA	TAACAGCTAC	CCGCATCCGC	ACGGAACGCA	GGGTGCGGTG	CGAGAGTTTC
	71221	TTCGCGGGCA	GGCCCGGGCG	CTGACGGACC	TCGGGGTGAC	CCACGCCAAC	AACACGTTTC
	71281	CCCCGCAGCC	TATGTTTCGG	GGCGACGCCG	CGGCCGAATG	GCTGCGGCCC	TCGTTCCGGT
	71341	TTAAGCGCAC	GTATTCCCCC	TTTGTCTGTT	GCGACCCCAA	GACCCCCAGC	ACCCCGTGAG
	71401	TCCTCGGCGG	GTCCCTCCGC	GGCCGTCTCT	CGTTGCCCCC	CTTTCCCCCT	TCCCGGGTGG
20	71461	TTCAATAAAA	AACACCAACA	TACGATATTC	GCGTTTGATA	CGTTTATTGG	GGGGGGTGTA
	71521	GGGCCCAACG	ATCGGCGATT	AACAACACCA	AACAATCGAG	CGCGTCTAAC	CCAGTAACAT
	71581	GCGCAGCTGA	TGTAGGCTGG	TCAGCAGCGC	GTTGCTGCGC	TGAAACAGCG	CCCTGCGGGT
	71641	CCGCTGCAGC	TGTTGTTGTA	TGCGGCGGCA	TGCGCGGATC	AAAACCGCCA	GGGCGCTACG
	71701	ACCGGTGCTT	CGTACGTAGC	GTCGCGACAA	GACGGCATTT	GCCTGTACGG	GCAAGGGGCC
25	71761	AAATTGCGAG	TGTGGTGACT	GGAGGTGGTC	GGCGGCCAAT	GGGCCGGGTG	GTTCGTGCGC
	71821	GGGGGGCAAG	TGCGGTTCCG	GTGGGAGGGG	GTCGAGCGCC	TCGGTATCAT	CCGAGTCCGA
	71881	GAAACGCAGG	GAGTCTGCGT	CGGAGTGTTT	ATCATCGGAG	GAGATGTGCA	GCGTCTGAAG
	71941	CAGCGATGCG	GGTGGGGGCG	CGGAGTGCAC	GTGAAGCGCG	AGAGAGGAAG	CCCACGAAGT
30	72001	CACAGCGGAC	ACTGGGAGGT	GGGTGTTTGT	ATGTGTGGGA	GAATCGGGCG	TCGGGACCGA
	72061	GTCTCGGCTC	TGGGGTGTA	GCGTCCGAGT	TACGGGCGGC	AGGGGCGGCT	GGGGCAGGGG
	72121	CGGCTGGGGC	AGGGGCGGCT	GGGGCAGGGG	CGGCTGGGGC	AGGGGCGGCT	GGGGCAGGGG
	72181	CGGCTGGGGC	AGGGGCGGCT	GGGGCAGGGG	CGGCTGGGGC	AGGGGCGGCT	GGGGCAGGGG
	72241	CGGCTGGGGC	AGGGGCGGCT	GGGGCAGGGG	CGGCTGGGGC	AGGGGCGGCT	GGGGCAGGGG
	72301	TTTGGTTCGG	GGTGACTGGG	GTGGGGGGCG	GCGGGCAACC	GGGCTCCGGG	GCACGACCCA
35	72361	ACCGCACAAA	GGCTCGCTCG	GGGCAACCGG	GCCTGGGGCC	AAAGGCGGGG	GGCTGGTCTG
	72421	GACGGCGGAG	GTGCGGGGGG	CAAGGCCCGG	AGAAGGCGGC	ACTGCCGCCG	CTGCGGCGGA
	72481	AACCGCGGCC	GCGTGGTTCG	CTGGGTCCCG	GGGAGAGGGG	AGGGAGTTCA	ACGAGGCCGA
	72541	GAGCGAGGCG	ACCGCGGGGC	GCGTGAGGCG	CCGGGGTGCG	CCGGCCCGCG	GGCCCCGGGG
	72601	GGGTGTCGGC	GAGGGACCCG	CTGTTGTCTG	GCGGCGGGCG	CGGCGGCGGT	CGCCCCGGGG
40	72661	GACGATCCGT	CCTTCGGCGG	GCGGAGGCGG	GATGGGCGCG	AGCGTGGGGG	CGGGAAAGGC
	72721	CCCGCGAGCC	GAGGCGGGGC	CGGGCGGAAG	GGGCAAGCA	GAAACCCAGG	CCGGGGCGCG
	72781	GGACTCCGGG	GTGGGCGGCT	GGTCCGGGAG	ACGCGCGGAA	GCGGCGACCG	CGGCGACCGG
	72841	GGCGGGGAGT	GCCGGCGGAC	GCCACCCCTC	GGGGGGGGCG	GAGGCCCGGG	GCGCGCGCGA
	72901	TTTGGCACGC	GTCCGGCGGG	ACCTGCGCAC	GCGCGGCACG	GCGGCGGAGA	AAGCGGCGGC
45	72961	AGAGCCGGAA	AAGGCCGGGG	GAGGAAGCGC	GGCATCCGCG	GGGGGACTCG	GTGTGGGTGG
	73021	CGAGGGCCGT	GGGTGCTCGC	GAGGGGCCAC	GGGCACGCGC	CCCGTGTTTT	GTGAGGCGCG
	73081	GACACTCGGT	CGTGTTTTCG	GAGCCGTAGC	TGCCGGCCCC	ATGGGCCCGG	GTGCGTACTG
	73141	GGACGTGGGG	ACGGACTGAT	CGGTGGCGGG	GGGGGGAAGA	AGGGGCCGGG	CCGGATTGGG
50	73201	CGTGGGGCCG	CCGGCGTCTG	CGGACGCCAG	CTCCTCCAGG	CCGTGGATCC	AGGCCACAT
	73261	GCGAGGGGGG	ACGGGCTCGC	CGGTGCTGGC	GTCGGTGAGG	GTGCTGGGGG	AGAGGACCCC
	73321	CGGGTCCGCC	TGCCGTGCGG	GGGGGGCAGC	GGGGTCTCTG	GGACCCGATC	CGCCATCCCC
	73381	CCCCGCAAGG	TCCCGCGGGT	CGCGGGCGGC	GGTCCGGGCA	GAGGGACCTG	CCTCGTCCGC
	73441	GAGGGGGCGC	TGGTAAACCG	GGTGTCCTCG	GAACAGCTCC	CCCGTCAGGA	GGGAGGCGTC
	73501	GAAGGGCCGC	CCGAGGATGG	CCCGCGCGAA	GAAGGGGTCC	GCGTCCGGCG	CGCTCGCCGC
55	73561	GAGAACGTCC	CCCGCGGTAG	CCACAAACCG	AAGCTCCTCG	GTGGCCTCGC	TGCCACAAA
	73621	CCGCACGTCA	GGGGGGCCGG	GGGGCTCCGG	GGCTTCCAC	AAGACCGCGA	CCGGGGTTCAT
	73681	GGAGATGTCC	ACGAGGACCA	GGCAGCGGGG	CCCGTCCGGC	AGAGGGCGCT	CGGCGATGAG
	73741	CGCCGACAGG	CGCGGGAGCT	GCGCGGAGCT	ACACGCGTTT	TCGATCCGGT	TGAGATCGGT
	73801	GTGGAGGAGG	CCGACGGCCC	ACGTCTCGAT	GTCGGACGAC	ACGACGTGCG	GCAGGGCGGC

	73861	GTCCGGCCCCG	CCGGGGCGCG	AGTCGAAGAG	CGTCAGGCAC	AGTTCCAGTT	CCGACTCGCG
	73921	GGAGAAGGCC	GTGGTGTTC	GGAGCGCCAC	CACGACGGGC	GCGCCGAGGA	GCACCGCGGC
	73981	CAGAACCAGG	TCCATGGCCG	TAACGCGCGC	GGCGGGGGTG	CGGTGGGTTCG	CGGCGGCCAG
	74041	CACGGCCACG	TGCTGGCCCC	TGGGTTCGGTA	GAGGGCGTGG	GGGGCCTCGG	GGAGGGACGC
5	74101	CTCGCGCCCC	CCCGCCGGGC	CGAGCGTCTG	GCCAGACTCC	AGGCGTGC GG	CCAGGAGGGC
	74161	GTCTGAAGCTG	TCGTACTCGG	TGTAGTCGTC	GGGAAACATG	CAGGTCCACA	GCGCGGCCAA
	74221	AGCGGCGCTC	GGCAGACACA	TGCGCCCGAG	GACGCTCACC	GCCGCCAGGG	CCTGGGCGCG
	74281	ACTGAGCTTC	CCGAGCGCCG	GGACGTCCTG	GCGCTGGGTC	CCGAGCTCCA	AGGCCGAGCG
	74341	CCAGGGCGCC	AGCGGGTCGG	TTTCGGACAG	CTTGCCCCGG	CGCCAGTCGG	CCAGCCGCGT
10	74401	GCCGAACAGG	AGGCCCGGGG	TCGGGGGGCC	TCCGTCCAAA	AACGTCGGCA	ACACGCGGAT
	74461	GCGGGCGTCG	GGATGCGGGG	TCAGGCGCTG	GACGAACAGC	ATGGACTCCG	CTGCGTCTCT
	74521	GAACGCGCGT	TCGAGGGTGA	GGTGCATGTA	CTCGTGCTGG	CGAACGAGGT	CCAGGCGCCA
	74581	GAAGTTGTAG	ATGTGTTCCG	GAACGCCGGC	CACCAGCGCG	ACCAGCACGT	CGTTCTCGTT
	74641	GAAGGCGACG	CAGTGGCGCT	GGGACCCCCG	GGGGCCCGGC	GGCGGACGCG	GCGCCGCCCG
15	74701	TCCGGACGCC	CAGCCCAGCT	GGGCCAGCG	ACACCCAAAC	TCGCGCGTGA	GGGTGGTGGC
	74761	GACGAGGGCG	ACGTACAGCT	CGGCCGCCCG	GTCATCGAG	GCGCCCCACG	TCGCCTGGCG
	74821	ATGGCGCACG	AAGCGACCGA	ACAGCTGAAA	GTTGGCGGCC	TGGGCGTCGC	TGAGGGCCAG
	74881	CTGGAGCCGG	TTCACGACGG	TCAGCACGTA	CATGGCCGTG	ACCGTCGGGG	CCGATTTCGAG
	74941	GACGTCCGTC	GGAAGCGGGG	GCCGCACGCA	GGCCGCCTCG	GGACGCATCA	GCAGCGCGCC
20	75001	GAGTTTGTTC	GTGACGGCCG	GGAAGCATAG	CGCGTACTGC	AGCGGCGTTC	CGTCCGGGGC
	75061	CAAAAAGCTG	GTGGCGAACG	GCAGATCCAG	AGCGCTGACG	GCCTCACGCA	GCACCAGGGG
	75121	CCCCGGGTCT	CCGCCGGCGC	GCAGATACGC	CTCGCCCCGG	CGGCGCAGCA	GCTGCGGGTC
	75181	GACCTCGTGG	CCCTCGGGGG	AAGAAGAGGC	CCGGGCGCGG	GCGTCGAGGG	CGCGAAGATC
	75241	AACGAGCAGG	GGCGCGGGCG	CGGACTCCCG	GCCCCGCGCC	GTCTGGCCGC	CGGCCCTGGC
25	75301	GTACGCGCTA	TATAAGCCCA	TGCGGTATTG	GATGAGTTCC	CGCGCGCCCC	GGAACTCCTC
	75361	CACCGCCAC	GGGCGCAGGT	CCGCGGCCCG	GCGCTCGAAC	TCCGCCAGCA	TCCGCCCCAG
	75421	GGCGTCAAAG	TTCATCTCCC	AGGGCACCCCT	GCGCACCAAC	TCATCCCGCA	GCCGGGCGCA
	75481	CAGGGCGGTG	TGCTTGGTGA	CGCGCGCGCC	CAGCTCCTCC	ACGGCCTCCG	CGCGCTCGGC
	75541	GCCCTTGCGG	CCCAGGACGC	CCTGGTACCT	GGCGGAAAGG	CGCTCGTAGG	CCGGCTGGGC
30	75601	CCGCAGCCCC	GACACCGTGT	TGGTGGTGTG	CTGCAGGGCG	CGCAGCTGCT	CGTGCATGGC
	75661	GCGGAACCCC	TCGGGGGACT	TCCAGSGCGC	CCCCCGGACG	CGGCCAAAGC	GACCCCAGAC
	75721	CTCGTCCCAC	TCCGCCTCGG	CCTCCTCCAG	GGACCTCCGC	AGGGCGTCGA	CGCGGCGCCG
	75781	AGTATCAAAG	AGCGCCCCCA	GGCGGCCGGC	GTGCCGCGCC	AGGGGGCCGG	GGCCGTTCGC
	75841	GCGGGCGGCG	CTTAGCGGGT	GCGTCTCGAA	GGTGCCTGGA	GCGTCTCTTA	GCCAGATAAC
35	75901	CGCGGGCACG	TCGAGCTCGC	GCGTTTTCTC	GGTCTGATCC	AACAGAACCT	CGACCTGGTC
	75961	GGCGATCTCC	GCCACCGAGC	GCGCCTGGTC	GAGCGTCTTG	GCCACGGTCG	CCGGGACGGC
	76021	GACCACCTTC	AGCATGGTCT	TGAGGTTGGC	CAGGCCCTCG	GCCTCGATCT	GGGCCCGGCG
	76081	CTCGCGCGCG	GCCAGCGCCT	CCCGCAGGCC	CGCCATGACC	CGCTCGGTGG	CCTCCGCGCG
	76141	CTGCTGTTTG	GCGCGCACCA	CTGCGTCTTT	GGTCTCGGCC	GTGTCCTGCC	GGGTACAGAA
40	76201	GGCGACATAC	TCGGCGTACG	CCGTGTTCTT	CACGGGGCTC	TGGTCCACGC	GCTCCAACGC
	76261	CGCCGCGCAC	GCGACCAGCG	CGTCCCTCGT	GGGACACGGC	AGGGTGACCC	CGGTCCGGAC
	76321	CAGCTCCGCG	GTGGCCTCCG	GGTCATTCGG	GGCCGCGGAT	ATCTGCTCCG	CGGCGGCCCG
	76381	CAGGTCCAGG	GGCAGCGCGC	CGAGCGCCCC	GTGCACGTCG	GCCCCGATGG	CGTCCAGGCG
	76441	ATCGCGGAGC	TCCACGTAGT	CGGCGTAGCC	ATGTTGGAAG	AACGGCACGT	ACCGGCGCAG
45	76501	GCCGGGCACG	CTCGTCATGT	CGTCCGCCAG	GCGCCCCACG	GCCTCGTGGT	AGTCGATAAA
	76561	CCCGTCGCCC	GCCTGGGCCA	TTTCCAGGAG	CCCCTCCGCG	ATGCGCAGCA	GCCGCGCCAG
	76621	GGGCTCGGCG	TCGACCCGAA	ACATGTCGGC	GTAGGTTTCG	GCGGCGGCGT	GGAACGCCGC
	76681	GCTCCAGCCG	AGGCGGTGGA	TGGCGGCGAG	CGGGGGGAGC	ATGGGGTGCC	GCTGGTTCTC
	76741	GGGGGTGTAG	GGGTAAACG	CGAAGGCCGT	ATCCAGGGCG	AGGGTGACCG	CCTCGGCGTT
50	76801	GGCCGCGAGC	GCCTGCTCGG	CGCGCTTGCG	GAAGTCCC GG	GGGTGTAGC	CGTGCGTGCC
	76861	GCACAGCGCC	TGCAGGCGGC	GCAGCTCGAC	CACGTCAAC	TCGGCGCGGT	TCTCGACGCG
	76921	GTCCAGCGCC	GCCTCGACGC	CGCGGCGCCA	GCGCTCGCTG	CTGCCCCGGG	CGCGTGGGC
	76981	CGCCATCTTC	GCGTCAGGTT	CGGCGACGGC	GGCCTCAAGT	TCGTGCGCGC	GGCGTCGCGT
	77041	GGCGCCGATG	ACCTTGCCCA	GCTCCTGCAG	GGCGCGCCCG	CTGGGGGAAT	GGTCCCCGGC
55	77101	CGTCCCTTCG	GCGTGCAGCA	GGCCCCCGAA	CCCAGCCTCG	TGCCCCGCGA	GGCTTTCCCG
	77161	AGCAGCGGTC	GTCGCGCGGG	CCGCGGCATC	GATGAGGGCG	GCATGGTCCC	CCTCCGCGTC
	77221	GGCGCAGGCC	CGGCGCGCCT	GGACTACCAG	GTCGGCGGGC	GCCGACCCCA	GGGTCTGTAG
	77281	CTCGTCGATG	GCCCCCGCG	CCTCCAGGGC	CAGCCGAGTC	GCCTTTACAT	ACCCGCGCGC
	77341	GCTATCGGCC	AGCACCGCGA	GGAAGGACAG	GGGCGAGGCC	GGGTGCGGGG	CGGCCGCGCC

	77401	CAGGGCCGAC	ACCGCGTCCG	CCAGGGCGCC	ATGCGCCCGC	ACGGCCGCGT	CCACCGTCGC
	77461	CGCGGGACTT	GCCGTGCGCA	CGGCGGCGCT	CCCGGCGTTG	ATGGCGTTTG	ACACGGCTTT
	77521	GGCGATTGTG	GGGGCGTGAT	CGGAAAAGAA	CTGCACGAGG	ACCGGCGTCT	CGGGGGCGTC
5	77581	GGCGAACAGG	GTCTTCAGCA	CCACCACGAA	GGCGGGATGC	AGGCCGGCCA	GAGCCGTCGC
	77641	GGTATCCGGG	GTCGGGTGTT	CCAGGGCCTC	CCGTACTGTC	CCCAGCAGCC	CCCACAGGTC
	77701	CGCCCCGAGC	GCCGCCGTGA	CTTCCGGGGG	GGGGCCCGG	ACGGCATCGG	CCAGGTCGGT
	77761	CCACCCCAGC	GGCAGGGAGG	CCCGCAGGGT	CGCCAGCACG	GCCGGACACG	CCTTTAGCCC
	77821	CACAAAGTCC	GGGAGGGGCC	GCAGGACCCC	TTGGAGTTTG	TGCAGGAAC	TCTCCGGGCG
	77881	GTCGTGGGCC	ACCTTGCGCG	GCTCCCGCGC	GTCGTTGAGC	ATCGCCTCCA	GGGCGTGGGC
10	77941	GCGTCCCCGA	AGCCGGGAGC	GCGCCTCCGG	AGCGAGCTCC	GCCGTCACTC	TGGCCGCCTC
	78001	CATGGCCCTC	GCCTGCCGCA	GCGCGTCTTC	GGCCATGCGC	GTGGCCTCGG	GGGACAGCCC
	78061	GCCCCCGTCG	ACGTACGGCG	CGGGGCCGGT	CGCCGGGACG	AAGGCCGCGT	CGCTGTCCAG
	78121	CTGCTGCGCG	AGCGCCGCGT	CGAGGGCGTC	GAAGCGCTGC	AGTTCCGGCCA	GCCCCGAGCT
	78181	GCGCCGCGCC	TGCTGGTTCG	TGATGCCGTG	GATGCTGCGC	GCCAGCTCTT	CCAGGGGGCTT
15	78241	GCGTTTCGAT	AGCCCCCTGG	TCGCGGCGTC	GGTCAGGACC	GAGAGCCAGG	CCGCCAGGTC
	78301	CTCGGGGGCA	TCTAGGGGCT	GGCCCCGCTG	GAGCAGGTCC	CGCAGCAGGA	TGGCCTGGGG
	78361	GCTGGTGGCG	AGGGGGGGCG	GGGGGGGGAG	CGCGGCGCGC	TGAGCGACGT	CCCGCGTGTG
	78421	TTGGTCAAAG	GCCGGTAGCG	ATTCCAGCAA	CTGGACCATG	GGCACGACCG	CGGCCGAGGC
	78481	CACGTGAAAC	CGACAGTCGT	GGCTGTGCTT	GGCCTGCAGG	GCCTTCGCGC	TGTATACGGC
20	78541	TCCCCGCTGG	AAGTACTCCT	TGACCGCGCT	CTCGATCGCC	CGGCGGGCCT	GGATCCGCAC
	78601	GTCTCTCCAG	CGCGCCTGGA	TGGCCTCGGG	GCCCAGGCGG	GGCGGGCACC	GGGCCCTGCC
	78661	GCCGGCGCCC	GGGGCGGGCG	GCACGGGCAT	CACGGTCAGG	GGCCCCGGCG	GCTGCGAGAC
	78721	CGAGTCGACC	CCGCGGGCGA	GGGCGTCTAA	GGCCTGCGCG	ATCTCGCGGG	CCTCCGCCTC
	78781	GACCCGTCAT	TCTTCGCCCC	GGGCAAACTG	GGCCAGCGCC	TGGATCCGAT	GGAGAAGCGG
25	78841	CTCCGGGTGC	GTCGGGGTGG	CGGGGGCGAA	CAGGGTGTTC	GGGTGGGCGC	CGCAGCGCTC
	78901	CAGGAGCCAC	TCTCCGAGGC	GTGCGTACAG	ATTGGCCGGC	GGGGCGGCGC	GCAGCTGCAG
	78961	ATCCAGGTCC	GCGAGGTCCC	CGTAAAAGGC	GTCCGTCTCC	CGAATAACGT	CCCTGGCGAC
	79021	CAGGACCAGC	TTAGCGAGGG	CCAGGCGCCC	GATCTGCGAA	TTTTCTGTCCA	GCACGTGCTG
	79081	GATGAGGGGC	CGGTGGGGCG	CCACGTCCGC	CAGGCTCATG	CGCGTGGACG	CCAGGAAGTC
30	79141	CCCGACGGCC	GTTTTGCGGG	GCAGCATGCG	CAGGGTGAAG	TCCAGCAGGG	CCGCGGCCGG
	79201	GCCGGCCACC	CCGGCCTGCG	TATGCGTGCG	GGCCCCGTTC	TCGATCAAAA	AGGCGAGGAC
	79261	GCGCTCAAAG	AAGAAGATGA	CGCAGAGCTC	CAACAGCCCC	GGGTGCGCCG	GGTACGGCGA
	79321	CCGCAGGGCG	TTGATGGTGA	GCTGCGAACA	CGCGGCCACC	TCGCGGGCCA	GGGCGGCATC
	79381	GCGCGCCGCG	AGCCGGACCG	CCGTGGCGGC	CACATTGGGG	TGGACCTCGA	ACAGCTGCGC
35	79441	CAGGTGCGCG	CCGGGGGGCT	CCGGGGGGCG	GCGGGCCCCC	AGCGTCTCGA	GCACGGACGG
	79501	CGACGACGGG	CTCGCGGGCC	CGTCGTGCGC	GCCGCCCTGC	CCGGAATGCG	GGGGGGTATC
	79561	CGGTGCGGGA	GGGACCGTGG	CGGCTATGGG	CGTCGGGGAG	GAGGCGGGGA	CCTCGGCGGC
	79621	GACGGGGGCC	TTCTTCTTGG	GCGCGGACTT	CTTCTTGGCC	TTGGCGGGCG	GGGCCCTTGG
	79681	GGCGGGCCTC	TCGCCCCGAG	TCAGATCCTC	CACGCTGGAC	GGTGGGGTCC	AGGTGGGCCG
40	79741	GCGGCGCTTG	GGCAAGCCGG	TAGAATAGCG	CGCCCGGTGG	CGACCCACCG	GCACTGCCCC
	79801	CACCTCCAGG	ACCCGCAGGT	CCTCGGCTTC	TTCGGCCGCG	TCCCCGGCGG	GTGTCTGCGG
	79861	GGGCGGGGCG	GCGTGCGGTG	GACCCGAGGC	CGCGGCGTCC	GGGGCCGAGG	GCTTCGCGGG
	79921	CGGGGTCCCC	TCCAGGGCTG	CTGCCCCAC	ATCATCGGGG	GGGCGGTTTG	GGTGCCCCGC
	79981	CTGCGGTGTG	TCGGGTGGGC	CCGAGGCCCC	CCGGGGGGCC	TCGGGGGGCC	GGTCGGCCCC
45	80041	AGGGGTCTTG	ACGTGGGTGG	GCGCGGGGAG	CGCGGGGACG	ACCGGGCCCC	AGCCTTCTCC
	80101	GTCCCCCTTG	GGGACCACAC	CGACAAAGAG	CGCCCCGAGC	CCCCCGATCT	CGCCCCGCAG
	80161	GGGGTGGGTG	ATGGCCACGC	GCCGCTCGAC	GAACGGTTCG	TCCTGCAGGT	AAGTCTCGCT
	80221	GGCCCCGTAG	AGGTGCAGGG	CCGCGGCGGT	CAGGTCCGCC	GGCGCCACGG	CCCCCGGGCC
	80281	GGAGGGCACA	AAAAACACCA	TGGCGCCCGC	CCACCGCAC	TTGGGGCGGT	CGTGGGCGTA
50	80341	ATACGTCAGG	TACGGGTACA	CGTCGCCCCG	CCGACCTTG	GCGATAAACG	CGGGCGTTCC
	80401	CGCGGGCAGG	CCGTGCGGGT	CAACACAGATA	GGCCGTGTTC	CCGTCCCGGT	AGAGCCCAT
	80461	GCCCAGGGGG	CCGATGGTCA	GGAGCGTGTA	GGACAGCGGC	CGCATGGCCC	AGGGGCCGGC
	80521	GAAGAACGTG	TGCGCGGGGC	ATTGCGTCTC	CAGCAGCTCC	GCCGTGGGCT	CCCCGAAGAA
	80581	GCCCACCTCG	CCGTACACCC	GCGAAAACAC	GCAACGCTAG	CCGCCGCGCG	CCGCCGGGTA
55	80641	CTCCAGGAAG	TTGGGGAGCT	CGATAATGGA	ACACATGCGC	GGCGGCCCGG	AGCCCGCGGC
	80701	CGCGCGCGTC	CACTCGCCCC	CCTCCACCAG	ACATCCCTCG	ATGGCCTCCG	CGGACAGCAC
	80761	GTCGCGGGGC	CCCACGTGCA	AAAGAAGACT	GAGAAACGAC	AGGGACGAGC	GCATGCACGA
	80821	TACCGACCCC	CCCGGCTCCA	GATCGGTGCG	GAACGTGTTC	CGAACACCGG	TGACCACGAT
	80881	ATCGCGATCC	CCCTGGCGCT	TCATCGTGGG	GTGAGGTAGC	GCGGCCGGAA	TCATGTGTGC

	80941	CGCGCCCGCC	ACGAGCGGGG	CCTGTTTATG	GGCCGGGCGT	CCCGATGAGT	ACTGTTGTTT
	81001	CCGCCGCCCC	AACCCCCCGG	CCCATCAACC	GCCTGTTTCGT	CCCCCTAACC	ACACACCCCG
	81061	TATCGCGTGT	GTGTGGTTTC	CCGGGAAGAC	ACATCCCACC	CCATGAAGTT	TTGCCCTTTT
5	81121	TTTCCGTCCC	GCACTACGCC	ACCTTTCCAC	CCCCCCCCAA	AAAAACAACA	ACCAACTCCC
	81181	AGATGGATGG	GTGCGATAAT	AAAGCTTTAT	TATTGTTTAA	CCAAAGGCGA	GTCCTACGGG
	81241	TGTACCGGTG	GTGTCTCCTG	CGGCGTCATC	TCGTGCTCCT	CCACGGGGGT	GTTGGGCCAA
	81301	GGGACCGTCT	CGCGGCCCGC	CGGGCGCGTC	GACGGCGCGC	GGGCCCTGCGT	GTCCTGTGGG
	81361	CCGGGTGTCG	TGGGTTCGGG	GGTGCTACCG	CCGGCATCTT	GGGCCTCCAG	GTCCCCGGGG
	81421	GCCCCCGGGC	CGGCGGAAGG	CCGAAACGCC	GAGGCGCGAA	ACACGCCGTC	GGTGACCTGC
10	81481	AGGAGCTCGT	TTATTAATAG	CCAGTCCATG	CTCAGCGTAG	CGGCCAGCCC	CTGGGGAGAC
	81541	AGGTCCACGG	AGTCCGGAAC	CACCGTCGGC	TGACCCAGGG	GCCCCAGGCT	GTAGTCCCCC
	81601	CAGGCCCCCA	GGTCATGACG	GTTTCGTGAGC	ACGACGAGGT	CTGCGGCCGG	GCTGGGGGGC
	81661	GCGTCCTCGG	TCGCGTGGGC	CATCACCTCC	TGAATGGCTG	CGGTGCGCTG	ATCGGCCGAG
	81721	CTGGCGAAGC	GCGCCACGAC	CAGCGCGCGC	TCCGTCTGCA	GGCCCTTCCA	CGTGTCTGTG
15	81781	AGTTCTTGAA	CGAATCGGC	CACCCGCTCG	GGGCCCGTGG	CCGCGCTGTC	GCCCTGATAG
	81841	CCGGCCGAGA	GGCGCCGCCA	GCGCGCCAGG	AACTGACTCA	TGTAACAGAA	CCCGGGGACC
	81901	TGGTCCCCCG	ACATCAACTT	TGACGCCCTG	GCGTGGATGC	CCGACACGAT	GGCCAGGAAC
	81961	CCGTGGATTT	CCCGCCGCAC	GACGGCCAGC	ACGTTACCCT	CGTGCGAGAC	CTGGGCCGCC
	82021	AGCTCGTCGC	ATACCCCGAG	GTGCGCCGTC	GTCTCGGTGA	CGACGGACCG	CAGCCCCGCG
20	82081	AGGGACGCGA	CCAGCGCGCG	CTTGCGCTCG	TGATACATGC	CGCAGTACTG	GCTCACCBCG
	82141	TCGCCCATGG	CTTCGGGGCG	CCAGGGCCCC	AGGCGCTCGT	GGGCGTCTGC	GACCACGGCG
	82201	TACAGGCGGT	GCCCGTTCGT	CTCGAACCGG	CACTCAAAGA	AGGCGGCGAG	CGTGCGCATG
	82261	TGCAGCCGCA	GCAGCACGAT	CGCGTCTCTC	AGCTGGCGGA	CCAGGGGGTC	GGCGCGCTCG
	82321	GCGAGTCTCT	GCAGCACCCC	CCGGGCCGCG	AGGGCGTACA	TGCTGATCAG	CAGCAGGCTG
25	82381	CTGCCACCTT	CGGGAGGCTG	GGGGGGAGGC	AGCTGGACCG	CGGGCCGCGA	CTGCTCGACG
	82441	GCCCCCTTGG	CGATCACGTA	CAGCTCGCGC	AGCAGCTGCT	CGATGTTGTC	GGCCATCTGC
	82501	ATCGTGGGCC	CGACGCCGGC	CCGGGTGGCC	GGTTCGAGGA	GGGTGATCAG	CGCGCCCAAT
	82561	TTTGTGCGGT	GCCCCTCGAC	GGTGGGGAGA	TAGCCCAGGC	CGAAGTCGCG	CGCCAGGCC
	82621	AGCACCCGCA	GGGCAAATC	GATGGGGCGG	GGCAGGTAGG	CAGCGTTGCA	CGTGGCCCTC
30	82681	AGCGCGTCCC	CGACCACCAG	GGCCAGCACG	TAAGGGACGA	ACCCCGGGTC	GGCGAGGACG
	82741	TTGGGGTGGA	TGCCCTCCAG	GGCCGGGAAG	CGGATCTTGG	TGGCCGCGGC	CAGGTGAACC
	82801	GAGGGGGCGT	GGCTAGGCGG	CCCCACGGGG	AGCAGCGCGG	ACAGCGGCGT	GGCCGGGGTG
	82861	GTGGGGGTCA	GGTCCCAGTG	GGTCTGGCCG	TACACGTCGA	GCCAGATGAG	GCCCGTCTCG
	82921	CGCAGGAGGC	TGGGCTGGCC	GGCGCTGAAG	CGGCGCTCGG	CCGTCTCAAA	CTCCCCCAGC
35	82981	AGCGTGCGCC	GCAGGCTCGC	CAGGTGTTCC	GTCGGCACGG	CCGGGCCCAT	GATGCGCGCC
	83041	AGCGTCTGGC	TGAGGACGCC	GCCCCAGACG	CCGACCGCCT	CACAGAGCCG	CCCGTGCGTG
	83101	TGCTCGCTGG	CGCCCTGGAT	CCGCCGGAAC	GTTTTTCACG	AGCCGGCGTA	GTGCCCGTAC
	83161	TCCCGCGCGA	GCCCGAACAC	GTTTCGCCCC	GCAAGGGCAA	TGCACCCAAA	GAGCTGCTGG
	83221	ATCTCGCTGA	GCCCGTGGCC	GGGGGGCGTC	CGCGCGGGCA	CCCCCGCCAC	CAAAAACCCC
40	83281	TCCAGGGCCG	ATATGTACTG	GGTGCAGTGC	GCGGGCGTGA	ACCCCGCGTC	GGTAAGCGTG
	83341	TTGATCACCA	CGGAGGGCGA	CTTGCTGTTC	TGGACCAAAG	CCCACGTCTG	CTGCAGCAGC
	83401	GCGAGGAGCC	GTTGCTGGGC	GCCGGCGGAG	GGCGGCTCCC	CTAGCTGCAG	CAGGCCGGTG
	83461	ACGGCCGGAC	GGAAGATGGC	CAGCGCCGAC	GCACTCAGAA	ACGGCACGTC	GGGGTCGAAG
45	83521	ACGGCCGCGT	CCGTCCGCAC	GCGCGCCATC	AGCGTCCCCG	GGGGCGCGCA	CGCCGACCGC
	83581	GGGCTGACGC	GGCTTAGGGC	GGTCGACACG	CGCACCTCCT	CGCGACTGCG	AACCATTTTG
	83641	GTGGCCTCGA	GGGGCGGGAT	CATGATAGCC	GGGTGATCTT	CCCGCACCGT	GTGCTGAAAC
	83701	TGGGCCAGCA	GCGGCGGCGG	GACCACCGCG	CCCCGATCGG	GGGTGCTCAG	GATGTCGTCC
	83761	ACCAGCGCCA	GCGTAAACAG	GGCCCGCGTG	AGGGGGGTCA	GGGCGGCGTC	GTCGATGCGC
	83821	TGTAGGTGCG	CCGAGAACAG	CGTCACCCAA	TTGCTGACCA	GGGCCAAGAA	CCGGAGACCC
50	83881	TCTTGACAGA	TCGGGGACGG	GAAGAGCAGG	CTGTACGCCG	GGGTGGTCAG	GTTGGCGCCG
	83941	GGTTGCCCCA	GGGGAACCGG	GGACATCTTA	AGCGACATCT	CCCCGAGGGC	CTCCAGGGAG
	84001	GTCCGCGGGT	TCATGGCCAG	GCAGCTCTGG	GTGACGGTCC	GCCAGCGGTC	GATCCACTCC
	84061	ACGGCACACT	GGCGGACGCG	CACCGGCCCC	AGGGCCGCCG	TGGTGCGCAG	CCCGGCGGCC
	84121	TCCAGCGCGT	GGGTGCTGTC	GGAGCCGGTG	ATCGCCAGGA	CCGTGTCCTT	GATGACGTCC
55	84181	ATCTCCCGGA	AGGCCGCCTC	GGGGGTCTCG	GGGAGCGCCA	CCGCCATGCG	GTGCACCAGC
	84241	AGCCCGGGGA	GGTTCTCGGC	CAAGAGCGCC	GTCTCCGGAA	GCCCGTGGGC	CCGGTGCAAG
	84301	GCGCACAGTT	GCTCCAGGAG	CGGGTGCCAG	CACGCCCGCG	CCTCCGCCGG	GCCGACCGCC
	84361	GCGCCCGACA	ACAGAAACGC	CGCCGTGGCG	GCGTGCAGTT	TGGCCGCGGA	CAGAAACGCC
	84421	GGCTCGTCCG	CGCTGCCCCG	CGGCTCGCTC	GAGGGGGAGG	GCGGCCGGCG	GAGGTTGGTC

	84481	AGGCTCCCCA	ACAGGACCTG	CAACGGTCCG	TTTGGGGGTG	GAGCGGACGG	GGGGGTCATG
	84541	CCGGCGGGCG	CCGGGACCTG	GAGCGCGCTG	TCCGACATGG	CGACCGGCGT	GCGCGCTCGG
	84601	CGACGCGGCG	CGGAGACCGC	GGGCCCAAAC	GGGAATGACT	GCCGCCGCCG	TATACGGAGG
5	84661	GGCTAAGTAT	CGCCCCGGGA	CCCTTCGAAA	CCCCGGGCGT	GTCGCAAGTA	CGCCGCGAAG
	84721	GCGCGGCGTG	TTATACGGCG	CGTTATGTCC	CGGCATTCCG	TTCGTGGGTT	CGGGCCCCGG
	84781	TGCTGTCTGG	TGGGAGTGTG	TGTGGGGGGG	GGCGGCGCGA	CGGCGGCCCC	GACCAAGTGT
	84841	ATCGCGGCCG	TTCCGTGGGG	CGGCCCAACA	GGCCCTTTAA	ACATTTGCGT	ATGCACCGGC
	84901	CCAGCCAGTC	GGACACCGGA	ACCCACCAGA	GGCGGAAGCC	GCCTTCGCCG	GTGAGGGTGC
	84961	GTGTGTTTTT	TGGTGGCGTG	TTTTTCCTTT	CCGCCCTCCT	CCCTCCCCAC	CTCCACCACC
10	85021	CCCCCCCACA	ACTCGCCCGT	TGGCGATCGG	CGGGAAAACC	ATGAAAACCA	AGCCACTCCC
	85081	GACAGCCCCG	ATGGCGTGGG	CCGAGAGTGC	CGTGGAAACC	ACCACCAGCC	CGCGCGAGCT
	85141	CGCGGGCCAC	GCCCCGCTCC	GGCGCGTCC	GCGCCCCGCC	ATCGTCTGCC	GCGACGGCCC
	85201	GGTGCTTTTG	GGGGACAGGG	CCCCCAGGAG	GACGGCCAGT	ACGATGTGGC	TGCTGGGGAT
	85261	CGACCCCGCG	GAGTCGTCTC	CGGGAACGCG	CGCTACCCGA	GACGATACCG	AGCAGGCCGT
15	85321	GGACAAGATC	CTCAGGGGAG	CCCGGCGGCG	GGGAGGGCTG	ACCGTCCCCG	GCGCCCCCGG
	85381	CTATCACCTG	ACCCGCCAGG	TAACCCGTGAC	GGATCTCTGC	CAACCAAACG	CGGAGCCGGC
	85441	CGGGGCGCTC	CTTTTGGCCG	TGCGGCACCC	CACCGACCTC	CCCCACCTGG	CCCGCCATCG
	85501	GGCTCCGCCG	GGCCGGCAGA	CCGAGCGACT	GGCCGAGGCC	TGGGGCCAGC	TCCTGGAGGC
	85561	CTCCGCCCTG	GGGTCCGGGC	GGGCCGAGAG	CGGCTGCGCG	CGCGCGGGCC	TTGTGTCTGT
20	85621	TAACCTTTCT	GTGGCCGCGT	GCGCCGCCGC	CTACGATGCG	CGCGACGCCG	CCGAGGCGGT
	85681	CCGGGCCCCA	ATCACGACCA	ACTACGGCGG	GACGCGGGCC	GGGGCGCGGC	TGGACCGGTT
	85741	TTCCGAATGC	CTGCGCGCCA	TGGTCCACAC	GCACGTGTTT	CCCCACGAGG	TCATGCGGTT
	85801	TTTCGGGGGG	CTAGTGTCGT	GGGTCCACAC	GGACGAGCTG	GCTAGCGTCA	CCGCCGTCTG
	85861	CAGCGGACCC	CAGGAGGCCA	CACACACCGG	CCACCCGGGG	AGGCCCCGTT	CGGCCGTTAC
25	85921	CATCCCGGCC	TGCGCCTTCG	TGCACCTGGA	CGCCGAGCTG	TGCCTGGGGG	GCCCCTGCGG
	85981	GGCGTTCCTG	TACTTGGTCT	TCACCTACCG	ACAGTGCCCG	GACCAAGAGC	TCTGTTGCGT
	86041	GTACGTGGTC	AAGAGCCAGC	TCCCCCGCGG	CGGACTGGAG	GCGGCCCTCG	AGCGGCTGTT
	86101	CGGGCGCCTC	CGGATAACCA	ACACGATTCA	CGGGGCCGAG	GACATGACGC	CCCCTCCCCC
	86161	GAACCGAAAC	GTTGACTTTC	CGCTCGCCGT	CCCGGCCGCG	AGCTCGCAAT	CCCCGCGGTG
30	86221	CTCGGCGAGC	CAAGTCACGA	ACCCCCAGTT	TGTGACAGAG	CTGTACCGCT	GGCAGCCGGA
	86281	TCTGCGGGGG	CGCCCTACCG	CACGCACCTG	CACATACGCC	GCCTTCGCAG	AGCTGGGTGT
	86341	CATGCCAGAC	GACAGCCCCC	GCTGTCTGCA	CCGCACCGAG	CGGTTTGGGG	CGGTGCGCGT
	86401	TCCGTTGTGC	ATCCTGGAGG	GCGTGGTGTG	GCGCGCGGCG	GGGTGGCGGG	CCTGCGCGTG
	86461	ATCGTCTATT	GACGACGGCC	GCCCAACCCG	AGCGACCTTC	CCCTCCCACT	TCCCCCCCCC
35	86521	TACACACCAA	CTCCGCCCTC	GCCGTCTTGG	CCGTGCGCGG	CCCCGTGCGT	CCGTCTCAAT
	86581	AAAGCCAGGT	TAAATCCGTG	ACGTGGTGTG	TTTGGCGTGT	GTCTCTGAAA	TGGCGGAAAC
	86641	CGACATGCAA	ATGGGATTCA	TGGACATGTT	ACACCCCCCT	GAATCAGGAG	ATAGGCATAT
	86701	CCTCCTTAGA	TTGACTCAGC	ACACGATCGC	ACCCACCCCC	TGTGTGCCGG	GGATAAAAGC
	86761	CAACGCGGGC	GGTCTGGGTT	ACCACAACAG	GTGGGTGCTT	CGGGGACTTG	ACGTCGCCCA
40	86821	CTCTCCTGCG	AGCCCTCACG	TCTTCGCCCA	CCGATTCTCT	TTGCGTTCCT	GTGCGCCGGT
	86881	GCTGTCTGTG	CGACAGATTG	TTGGCGACTG	CCCGGGTGAT	TGTCGCGCCG	GTGCGTCTCT
	86941	TCCGTCGTAC	CGCCCAACCC	GCCTCCACAG	GGCCCGCCCG	TGTTTCCGTT	CATCGCGTCC
	87001	GAGCCACCGT	CACCTTGTTT	CCAATGGCCA	ACCGCCCTGC	CGCATCCGCC	CTCGCCGGAG
	87061	CGCGGTCTCC	GTCCGAACGA	CAGGAACCCC	GGGAGCCCCG	GGTCGCCCCC	CCTGGCGGCG
45	87121	ACCACGTGTT	TTGCAGGAAA	GTCAGCGGCG	TGATGGTGCT	TTCCAGCGAT	CCCCCGGCCG
	87181	CCGCGGCCCT	CCGCATTAGC	GACAGCAGCT	TTGTTCAATG	CGGCTCCAAC	TGCAGTATGA
	87241	TAATCGACGG	AGACGTGGCG	CGCGGTCATT	TGCGTGACCT	CGAGGGCGCT	ACGTCCACCG
	87301	GCGCCTTCGT	CGCGATCTCA	AACGTGCGAG	CCGGCGGGGA	TGGCCGAACC	GCCGTCTGTG
	87361	CGCTCGGCGG	AACCTCGGGC	CCGTCCGCGA	CTACATCCGT	GGGGACCCAG	ACGTCCGGGG
50	87421	AGTTCTCTCA	CGGGAACCCA	AGGACCCCCG	AACCCCAAGG	ACCCCAAGCT	GTCCCCCCCC
	87481	CCCCTTCTCC	CCCCTTCTCC	TGGGGCCACG	AGTGTGCGCG	CCGTGCGCAT	GCCAGGGGCG
	87541	GCGCCGAGAA	GGACGTGCGG	GCCGCGGAGT	CATGGTCAGA	CGGCCCCGTC	TCCGACTCCG
	87601	AAACGGAGGA	CTCGGACTCC	TCGGACGAGG	ATACGGGTTC	GGAGACGCTG	TCTCGATCCT
	87661	CTTCGATCTG	GGCCGCGAGG	GCGACTGACG	ACGATGACAG	CGACTCCGAC	TGCGGTCGCG
55	87721	ACGACTCCGT	GCAGCCCCGAC	GTTGTCTGTT	GTCGCGAGAT	GAGCGACGGC	CCCCCCCCCG
	87781	TGGCCTTTCC	CAAGCCCCGG	CGCCCCGGCG	ACTCCCCCGG	AAACCCCCGG	CTGGGCGGCC
	87841	GCACCGGGCC	GGGCTCCGCG	ACGGACCCGC	GCGCGTCCGG	CGACTCCGAT	TCCGCGGCCG
	87901	ACGCCGCGCG	ACCCACGGCG	GACGTGGCGC	CGGTCTCTGA	CAGCCAGCCC	ACTGTGGGAA
	87961	CGGACCCCGG	CTACCCAGTC	CCCCTAGAAC	TCACGCCCGA	GAACGCGGAG	GCGGTGGGCG

	88021	GGTTTCTGGG	GGACGCCGTC	GACCGCGAGC	CCGCGCTCAT	GCTGGAGTAC	TTCTGTCGGT
	88081	GCGCCCGCGA	GGAGAGCAAG	CGCGTGCCCC	CACGAACCTT	GGGCAGCGCC	CCCCGCCTCA
	88141	CGGAGGACGA	CTTTGGGCTC	CTGAACTACG	CGCTCGCTGA	GATGCGACGC	CTGTGCCCTGG
5	88201	ACCTTCCCCC	GGTCCCCCCC	AACGCATACA	CGCCCTATCA	TCTGAGGGAG	TATGCGACGC
	88261	GGCTGGTTAA	CGGGTTCAAA	CCCCTGGTGC	GGCGGTCCGC	CCGCCTGTAT	CGCATCCTGG
	88321	GGGTTCTGGT	CCACCTGCGC	ATCCGTACCC	GGGAGGCCTC	CTTTGAGGAA	TGGATGCGCT
	88381	CCAAGGAGGT	GGACCTGGAC	TTCGGGCTGA	CGGAAAGGCT	TCGCGAACAC	GAGGCCGAGC
	88441	TAATGATCCT	GGCCCAGGCC	CTGAACCCCT	ACGACTGTCT	GATCCACAGC	ACCCCGAACA
10	88501	CGCTCGTCGA	GCGGGGGCTG	CAGTCGGCGC	TGAAGTACGA	AGAGTTTTTAC	CTCAAGCGCT
	88561	TCGGCGGGCA	CTACATGGAG	TCCGTCTTCC	AGATGTACAC	CCGCATCGCC	GGGTTTCTGG
	88621	CGTGCCGGGC	GACCCGCGGC	ATGCGCCACA	TCGCCCTGGG	GCGACAGGGG	TCGTGGTGGG
	88681	AAATGTTCAA	GTTCTTTTTC	CACCGCCTCT	ACGACCACCA	GATCGTGCCG	TCCACCCCCG
	88741	CCATGCTGAA	CCTCGGAACC	CGCAACTACT	ACACGTCCAG	CTGCTACCTG	GTAAACCCCC
15	88801	AGGCCACCAC	TAACCAGGCC	ACCTCCGGG	CCATCACCGG	CAACGTGAGC	GCCATCCTCG
	88861	CCGCAACGG	GGGCATCGGG	CTGTGCATGC	AGGCGTTCAA	CGACGCCAGC	CCCGGCACCG
	88921	CCAGCATCAT	GCCGGCCCTG	AAGGTCTCTG	ACTCCCTGGT	GGCGGCGCAC	AACAACAGAG
	88981	GCACGCGCCC	CACCGGGGCG	TGCGTGTACC	TGGAACCCTG	GCACAGCGAC	GTTCGGGCGG
	89041	TGCTCAGAAT	GAAGGGCGTC	CTCGCCGGCG	AGGAGGCCCA	GCGCTGCGAC	AACATCTTCA
	89101	GCGCCCTCTG	GATGCCGGAC	CTGTTCTTCA	AGCGCCTGAT	CCGCCACCTC	GACGGCGAGA
20	89161	AAAACGTCAC	CTGGTCCCTG	TTCGACCGGG	ACACCAGCAT	GTCGCTCGCC	GACTTTCACG
	89221	GCGAGGAGTT	CGAGAAGCTG	TACGAGCACC	TCGAGGCCAT	GGGGTTTCGGC	GAAACGATCC
	89281	CCATCCAGGA	CCTGGCGTAC	GCCATCGTGC	GCAGCGCGGC	CACCACCGGA	AGCCCCTTCA
	89341	TCATGTTTAA	GGACGCGGTA	AACCGCCACT	ACATCTACGA	CACGCAAGGG	GCGGCCATCG
	89401	CCGGCTCCAA	CCTCTGCACC	GAGATCGTCC	ACCCGGCCTC	CAAGCGATCC	AGTGGGGTCT
25	89461	GCAACCTGGG	AAGCGTGAAT	CTGGCCCGAT	CGCTCTCCAG	GCAGACGTTT	GACTTTGGGC
	89521	GGCTCCGCGA	CGCCGTGCAG	GCGTGCCTGC	TGATGGTGAA	CATCATGATC	GACGACACGC
	89581	TACAACCCAC	GCCCCAGTGC	ACCCGCGGCA	ACGACAACCT	GCGGTCCATG	GGCATTTGGCA
	89641	TGCAGGGCCT	GCACACGGCG	TGCCCTAAGA	TGGGCCTGGA	TCTGGAGTCG	GCCGAGTTCC
	89701	GGGACCTGAA	CACACACATC	GCCGAGGTGA	TGCTGCTCGC	GGCCATGAAG	ACCAGTAACG
30	89761	CGCTGTGCGT	TCGCGGGGCG	CGTCCCTTCA	GCCACTTTAA	GCGCAGCATG	TACCGGGCCG
	89821	GCCGCTTTCA	CTGGGAGCGC	TTTTCGAACG	CCAGCCC GCG	GTACGAGGGC	GAGTGGGAGA
	89881	TGCTACGCCA	GAGCATGATG	AAACACGGCC	TGCGCAACAG	CCAGTTCATC	GCGCTCATGC
	89941	CCACCGCCGC	CTCGGCCCAG	ATCTCGGACG	TCAGCGAGGG	CTTTGCCCCC	CTGTTACCCA
35	90001	ACCTGTTTCA	CAAGGTGACC	AGGGACGGCG	AGACGCTGCG	CCCCAACACG	CTCTTGCTGA
	90061	AGGAACTCGA	GCGCACGTTT	GGCGGGAAGC	GGCTCCTGGA	CGCGATGGAC	GGGCTCGAGG
	90121	CCAAGCAGTG	GTCTGTGGCC	CAGGCCCTGC	CTTGCTGGA	CCCCGCCAC	CCCCCTCCGGC
	90181	GGTTCAAGAC	GGCCTTCGAC	TACGACCAGG	AACTGCTGAT	CGACCTGTGT	GCAGACCGCG
	90241	CCCCCTATGT	TGATCACAGC	CAATCCATGA	CTCTGTATGT	CACAGAGAAG	GCGGACGGGA
	90301	CGTCCCCGCG	CTCCACCCTG	GTCCGCCTTC	TCGTCCACGC	ATATAAGCGC	GGCCTGAAGA
40	90361	CGGGGATGTA	CTACTGCAAG	GTTGCAAGG	CGACCAACAG	CGGGGTGTTT	GCCGGCGACG
	90421	ACAACATCGT	CTGCACAAGC	TGCGCGCTGT	AAGCAACAGC	GCTCCGATCG	GGGTGAGGCG
	90481	TCGCTCTCGG	TCCCGCATAT	CGCCATGGAT	CCCGCCGTCT	CCCCCGCGAG	CACCGACCCC
	90541	CTAGATACCC	ACGCGTCGGG	GGCCGGGGCG	GCCCCGATTC	CGGTGTGCCC	CACCCCGGAG
	90601	CGGTACTTCT	ACACCTCCCA	GTGCCCGGAC	ATCAACCACC	TTGCTTCCCT	CAGCATCCTG
45	90661	AACCGCTGGC	TGGAGACCGA	GCTCGTGTTC	GTGGGGGACG	AGGAGGACGT	CTCCAAGCTC
	90721	TCCGAGGGCG	AGCTCGGCTT	CTACCGCTTT	CTGTTTGCCT	TCCTGTGCGC	CGCGGACGAC
	90781	CTGGTGACGG	AAAACCTGGG	CGGCCTCTCC	GGCCTCTTCG	AACAGAAGGA	CATTCTTCAC
	90841	TACTACGTGG	AGCAGGAATG	CATCGAGGTC	GTCCACTCGC	GCGTCTACAA	CATCATCCAG
	90901	CTGGTGCTCT	TTTACAACAA	CGACCAGGCG	CGCCGCGCCT	ATGTGGCCCCG	CACCATCAAC
50	90961	CACCCGGCCA	TTGCGCTCAA	GGTGGACTGG	CTGGAGGCGC	GGGTGCGGGA	ATGCGACTCG
	91021	ATCCCGGAGA	AGTTTACCTT	CATGATCCTC	ATCGAGGGCG	TCTTTTTTGC	CGCTCGTTTC
	91081	GCGGCCATCG	CGTACCTGCG	CACCAACAAC	CTCCTGCGGG	TCACCTGCCA	GTGCAACGAC
	91141	CTCATCAGCC	GCGACGAGGC	CGTGCATACG	ACAGCCTCGT	GCTACATCTA	CAACAACCTAC
	91201	CTCGGGGGCC	ACGCCAAGCC	CGAGGCGGCG	CGCGTGTACC	GGCTGTTTCG	GGAGGCGGTG
55	91261	GATATCGAGA	TCGGGTTTCAT	CCGATCCAG	GCCCCGACGG	ACAGCTCTAT	CCTGAGTCCG
	91321	GGGGCCCTGG	CGGCCATCGA	GAACCTACGT	CGATTACGCG	CGGATCGCCT	GCTGGGCCTG
	91381	ATCCATATGC	AGCCCCTGTA	TTCCGCCCCC	GCCCCGACG	CCAGCTTTCC	CCTCAGCCTC
	91441	ATGTCCACCG	ACAAACACAC	CAACTTCTTC	GAGTGCCGCA	GCACCTCGTA	CGCCGGGGCC
	91501	GTCGTCAACG	ATCTGTGAGG	GTCTGGGCGC	CCTTGTAGCG	ATGTCTAACC	GAAATAAAGG

	91561	GGTCGAAACG	GACTGTTGGG	TCTCCGGTGT	GATTATTACG	CAGGGGAGGG	GGGTGGCGGC
	91621	TGGGGAAAGG	GAAGGAACGC	CCGAAACCAG	AGAAAAGGAC	CAAAAGGGAA	ACGCGTCCAA
	91681	CCGATAAATC	AAGCGCCGAC	CAGAACCCG	AGATGCATAA	TAACGATTTT	ATTACTCTTA
5	91741	TTATTAACAG	GTCGGGCATC	GGGAGGGGAT	GGGGGCGCGC	GTTTCCTCCG	TTCCGGCTAC
	91801	TCGTCCCAGA	ATTTAGCCAG	GACGTCCTTG	TAAAACGCGG	GCGGGGGCGC	GTGGGCCCAC
	91861	AGCTGCGCCA	GAAACCGGTC	GGCGATGTCC	GGGGCGGTGA	TATGCCGAGT	CACGATGGAG
	91921	CGCGCTAAAT	CTTCGTCGCG	GAGGTCCTGA	TAGATGGGCA	GTCTTTTATAG	AAGAGTCCAG
	91981	GGTCCCCGCT	CCTTGGGGCT	GATAAGCGAT	ATGACGTACT	TGACGTATCT	GTGCTCCACC
10	92041	AGCTCGGCGA	TGGTCATCGG	ATCGGGCAGC	CAGTCCAGGG	CCTCCGGGGC	GTGCTGGATG
	92101	ACGTGGCGGC	GACGTCCGGC	GACATAGCCG	CGGTGTTCCG	CGACCCGCTG	CGCGTTGGGG
	92161	ACCTGCACGA	GCTCGGGCGG	GGTGAGTATC	TCCGAGGAGG	ACGACCGGGC	GCCGTCGCGC
	92221	GGCCCACCGG	CGACGTCCGG	GGGCTGGAGG	GGGGGGTCTT	CTTCGTAGTC	GTCTTCGCCC
	92281	GCGATCTGTT	GGGCCAGAAT	TTCGGTCCAC	GAGATGCGCG	TCTCGAGGCC	GACCGGGGCC
	92341	GCGGTCAGCG	TAGGCATGCT	CTCCAGGGAG	CGCGAGTTGG	CGCGCTCCCC	CCGGCCCGCC
15	92401	CGGCGGGCCT	GGGATCGGCT	CGGGGCGGTC	CAGTGACACT	CGCGCAGCAC	GTCTTCGACG
	92461	GACGCGTAGG	TGTTATTGGG	GTGCAGGTCT	GTGTGGCAGC	GGACGAACAG	CGCCAGGAAC
	92521	TGCGGGTAAC	TCATCTTGAA	GTACTGCAGC	AGGTCGCGGC	AGTGAATCGT	CGGAATGTAG
	92581	CCGGTGCTGA	TGTCCAACAC	GATATCGCAG	CCCATCAGCA	GGAGATCGGT	ATCCGTGGTA
20	92641	TGCACGTACG	CGACCGTGT	GGTATGATAG	AGGTTTCGCGC	AGGCGTCGTC	GGCCTCCAGC
	92701	TGACCCGAGT	TGATGTAGGC	GTACCCAGC	GCCCGCAGAA	CGCGGATACA	GAACAGGTGA
	92761	GCCAGGCGCA	GGGCCGGCTT	CGAGGGCGCG	CCCGAGGGGG	CCGCCGGGCC	TGGGCCGGCG
	92821	GCCCGCGTTC	CCCGGTCCCC	CGGGGCGAAG	GCGTGCCCGC	GGCGGCGCAT	GTTGGAAAAG
	92881	GCGAACTGG	GCCTGGAGTC	GGTGATGGGG	GAAGGCGGCG	GCGAGGCGTC	TACGCTACTG
	92941	GCCTCCTCGT	CCGTGCGGCA	CTGGGCCGTC	GTGCGGGCCA	GGATCGCCTT	GGCCCCGAAC
25	93001	ACAACCGGCT	CGGTACACTC	GACCCCGCGA	TCCGTCACGA	AGATGGGGAA	CAGGGACTTT
	93061	TGGGTAAACA	CCCGTAACAT	ACTACAGAGA	CAGTGTAGCG	TGATTGCCTC	GCGGTCTGTA
	93121	CTTGGGTAGC	GGCGCTGATA	TTTAACCACC	AGGGTATACA	TGACATTCCA	CAGGTCCACG
	93181	GCGATGGGGG	TAAAGTAGCC	CTCCGGGGCC	CGGAGGCCCC	GGCGCTTCAC	CAGATGGTGA
30	93241	GTCTGGGCAA	ACTTCATCAT	GCCAAACAGA	CCCATTCCTG	CACGATTGTA	GGTGCAGGTA
	93301	GGTCTCTCTA	CAGAGCTGTA	TAGGTGTGAC	GGTCCGGGAC	ACCCAAGCCC	GCCGCCCTTG
	93361	TGTACAGTGG	CTGCGGCGAC	GACCCCGCTC	CAACAAGACG	CTATCCCGGG	AAAGGCACGC
	93421	TCTTTATAAT	TCTTTTTTAT	TTCCCATCTA	CGTGCGGATT	GGTGCAACCG	CCGGCGCGCG
	93481	CCGGTGCAGG	CCGACCATCT	CTCTCTTCCC	CCCCCTCCCC	TCCCTCCCGC	CTCAAAGAG
35	93541	GGTGTGGCCT	AACTAGCGGA	AGGCGTATTT	AACCAGACTA	GGGCGGCGGG	TCCGCCGTAG
	93601	TCCTTGCGTC	GGGTAGCCAC	TGCTCTGTGG	CTCGGGTCCC	CCGGCCCCCC	TAACCCCCAT
	93661	CCGGTCCGCG	TCATCCGCCC	CCTCCGCTG	CGACACAAAC	GGCCGCGCCT	CCGGGCCCCG
	93721	TGACACGACG	CGCCTCGTCT	CTGCGGATTG	TCCCGGGAGC	GTGCGGCGAT	GGTTCATCTT
	93781	CCCGGCGGTG	CGGCCGCCGC	CCCCCTTTCG	GAGGACGCGA	TCCCGTCGCC	GCGCGAGCGG
40	93841	ACGGAAGACT	GGCCGCCCTG	CCAGATAGTG	CTGCAGGGCG	CCGAGCTGAA	CGGGATCCTG
	93901	CAGGCCTTTG	CGCCGCTTCG	CACGAGCCTT	TTGGACTCGC	TCCTGGTCTG	GGGCGACCGA
	93961	GGCATCCTTG	TACATAACGC	GATTTTTCGG	GAGCAGGTGT	TTCTGCCCTT	CGACCATTCG
	94021	CAGTTCAGTC	GCTATCGATG	GGGCGGACCC	ACCGCGGCGT	TCCTGTCTCT	CTGTGGACAG
	94081	AAGCGATCCC	TGCTGAGCGT	GTTTCGCGCC	AACCAGTACC	CTGACCTGCG	GCGGGTGGAG
45	94141	CTGACGGTCA	CGGGCCAGGC	CCCGTTTCGC	ACGCTGGTGC	AGCGCATATG	GACGACCGCG
	94201	TCCGACGGAG	AGGCCGTGGA	GCTTGCCAGC	GAGACGCTCA	TGAAACGCGA	GTTGACGAGC
	94261	TTCGCGGTAC	TACTCCCCCA	GGGCGACCCC	GACGTCCAGC	TGCGCCTCAC	GAAGCCCCAG
	94321	CTCACGAAGG	TGGTGAACGC	CGTCGGGGAC	GAGACCGCCA	AACCCACCAC	GTTCGAGCTC
	94381	GGCCCCAACG	GCAAGTTTTC	CGTGTTTAAC	GCGCGCACCT	GCGTCACCTT	TGCCGCCCCG
50	94441	GAGGAGGGCG	CGTCGTCCAG	CACCAGCGCC	CAGGTCCAGA	TTCTGACCAG	CGCGTGAAG
	94501	AAGGCGGGCC	AAGCGGCCGC	CAACGCCAAG	ACGGTCTACG	GGGAAAACAC	ACACCGCACA
	94561	TTCTCGGTGG	TCGTCAGCAG	CTGCAGCATG	CGGGCGGTCC	TCCGGCGGCT	CCAGGTTCGGC
	94621	GGGGGGACCC	TCAAGTTCTT	CCTCACGGCC	GACGTCCCCA	GCGTGTGTGT	CACCGCCACC
	94681	GGCCCCAACG	CGGTGTCCGC	GGTGTTCCTT	TTAAACCCCC	AGCGGGTCTG	CCTGAAGTGG
	94741	CTCGGCCGGA	GCCCCGGTTC	CTCGACCGGG	AGCTTGGCGT	CCCAGGACTC	TCGGGCCCGC
55	94801	CCGACCGACA	GCCAGGACTC	CTCCTCCGAG	CCGGACGCGG	GCGACCGCGG	CGCCCCAGAA
	94861	GAAGAAGGCC	TCGAGGGCCA	GGCCCCGGTA	CCGCCCGCGT	TCCCGGAACC	GCCGGGAACC
	94921	AAGCGGAGGC	ACCCCGGGGC	CGAAGTTGTC	CCCGCGGACG	ACGCCACCAA	GCGCCCGAAG
	94981	ACGGGCGTGC	CCGCCGCCCC	CACGCGAGCC	GAGTCGCCCC	CCCTCTCCCG	GAGATACGGA
	95041	CCCGAGGCGG	CGGAGGGTGG	TGGGGACGGC	GGCCGCTACG	CGTGCTACTT	TCGCGACCTC

	95101	CAGACCGGCG	ACGCGAGCCC	CAGCCCCCTC	TCCGCCTTCC	GGGGTCCCCA	AAGACCCCA
	95161	TACGGCTTTG	GGTTGCCCTG	ACGGCAACGG	GTGGTGGCCG	AACGCCTCAC	CGCGCCCCGG
	95221	CACGCGGGGT	GCGTTGTGTT	AAAAAATAA	ATAAATGGGG	TAGTGTGTCC	CCCCCCCCCTC
5	95281	CAACCAATAT	GGCTGTCGTG	TGTGGTTCGG	GGTTGCGCCT	CCGTCCTTTC	CACCCCCCTT
	95341	CCCCCTCCTT	TTTTGTTTTG	CGTGCGCTTA	TAAGAGCGGG	CCCGGGGCCC	TTTCGAGCTT
	95401	CACCGAGAGC	GCCGTCGGGC	CCCGGGTGCG	GGATGTGTCTG	GGGGGACAGC	CCCGGGGTCG
	95461	CGGGCGGGAG	CGGCGAACAC	TGCCTCGGAG	GGGATGATGG	GGACGACGGG	CGCCCCCGCC
	95521	TCGCCTGCGT	GGGTGCCATC	GCTCGGGGGT	TCGCGCATCT	CTGGCTCCAG	GCCGCCACGC
	95581	TGGGCTTTCGT	GGGGTCTGTC	GTTCTGTCTG	GCGGCCCGTA	TGCGGACGCC	ATGTCGGGGG
10	95641	CGTTCGTGAT	CGGGAGCACC	GGCCTGGGGT	TCCTCCGCGC	CCCCCCCCCG	TTTCGCCCGC
	95701	CGCCGACGCG	TGTGTGCGCG	TGGCTGAGGC	TGGTCGGCCG	GGGAGCGGCC	GTGGCCCCTGT
	95761	GGAGCCTCGG	GGAGGCCGGC	GCGCCTCCGG	GGGTTCGGGG	CCCGGCGACC	CAGTGCCCTGG
	95821	CGCTCGGGGC	CGCCTACGCG	GCGCTGCTGG	TGCTGGCCGA	CGACGTCCAT	CCCCTTTTCC
	95881	TCCTCGCCCC	GCGGCCCTTG	TTTGTCTGGC	CCCTGGGGGT	TGTCGTCCGG	GGGCTGACGA
15	95941	TAGGCGGCAG	TGCGCGCTAC	TGGTGGATCG	ACCCCCGCGC	CGCCCGGGCC	CTGACGCGCG
	96001	CGGTGGTGCG	GGGCCCTCGG	ACAACCGCCG	CCGGGGACAG	CTTTTCCAAG	GCCTGTCCCC
	96061	GCCACCGCCG	CTTTTGCCTC	GTCTCCGCGG	TGAGTCTCC	CCCGCCCCGA	TACGCCCGCG
	96121	AGGACGCCGA	GCGGCCAACA	GACCACGGAC	CCCTGTTACC	GTCGACGCAC	CACCAGCGAT
	96181	CTCCGCGGGT	CTGCGGCGAC	GGGGCCGCAC	GGCCCGAAAA	CATCTGGGTT	CCCGTGGTGA
20	96241	CCTTTGCGGG	CGCGCTCGCG	CTGGCCGCGT	GCGCCGCGCG	AGGGTCTGAC	GCGGCTCCGT
	96301	CAGGCCCGGT	CCTGCCGCTG	TGGCCCCAGG	TGTTTGTCTG	GGGCCACGCG	GCGGCGGGCC
	96361	TGACGGAGCT	GTGTCAGACC	CTCGCGCCCC	GGGACCTCAC	GGACCCGCTG	CTGTTTCCGT
	96421	ACGTGCGATT	CCAGGTCGTG	AACCACGGGC	TGATGTTTGT	GGTCCCCGAC	ATCGCCGTAT
	96481	ACGCTATGCT	GGGGGGCGCC	GTGTGGATCT	CGCTGACGCA	GGTGCCTTGG	CTCCGGCGCC
25	96541	GCCCTTACAA	GGACCCAGAC	GCCGGGCCCT	GCGCGGCCGC	GACCTTGC GG	GGCCTCTTTT
	96601	TCTCCGCTA	CGCATTGGGG	TTTGCGGCGG	GGGTGCTGGT	GCGGCCGCGG	ATGGCGCGGA
	96661	GCCGGCGGTC	GGGGTGATCG	CCATTTCAAA	TAAAAGGCAC	GAGTTCCCCG	AATACCAACG
	96721	GCGTGTGATG	ATTTCGCCCT	ACCGCTCCGA	TCCCCGGGGG	GAGGGGGGAA	GGAAATGGGG
	96781	GCGGGGGTGC	CGTGGACGGG	TATAAAGGCC	AGGGGGGCAG	GCGGGCCCAT	CACTGTTAGG
30	96841	GTGTTAGGTT	GGGAGGTGGC	ACAAAAGCG	ACACTCCCGT	GTTGTAGTTG	TCCGCGCGAG
	96901	GCGGTGGTTT	CCGGCAACCC	TCCTCGCTGC	GCCGGGCGCG	CCCACCGGTC	CTTCGCGGGG
	96961	GCCGGGGCTC	TTCTGGTTCAT	GGCCCTTGGA	CGGGTGGGCC	TAGCCGTGGG	CCTGTGGAGC
	97021	CTGCTGTGGG	TGGGTGTGGT	CGTGGTGTCT	GCCAATGCCT	CCCCCGGACG	CACGATAACG
35	97081	TGGGGCCCCG	GGGGGAACGC	GAGCAATGCC	GCCCCCTCCG	CGTCCCCGCG	GAACGCAATCC
	97141	GCCCCCCGAA	CCACACCCAC	GCCCCCCCAA	CCCCGCAAGG	CGACGAAAAG	TAAGGCCATCC
	97201	ACCGCCAAAC	CGGCCCCGCC	CCCCAAGACC	GGGCCCCCGA	AGACATCCTC	GGAGCCCCTG
	97261	CGATGCAACC	GCCACGACCC	GCTGGCCCGG	TACGGCTCGC	GGGTGCAAAT	CCGATGCCGG
	97321	TTTCCCAACT	CCACCCGCAC	GGAGTTCCGC	CTCCAGATCT	GGCGTTATGC	CACGGCGACG
	97381	GACGCCGAGA	TCGGAACGGC	GCCTAGCTTA	GAGGAGGTGA	TGGTAAACGT	GTCCGCCCCG
40	97441	CCCGGGGGCC	AACTGGTGTA	TGACAGCGCC	CCCAACCGAA	CGGACCCGCA	CGTGATCTGG
	97501	GCGGAGGGCG	CCGGCCCCGG	CGCCAGCCCC	CGGCTGTACT	CGGTGCTCGG	GCCGCTGGGT
	97561	CGGCAGCGGC	TCATCATCGA	AGAGCTGACC	CTGGAGACCC	AGGGCATGTA	CTACTGGGTG
	97621	TGGGGCCGGA	CGGACCGCCC	GTCCGGCGTAC	GGGACCTGGG	TGCGCGTTCT	CGTGTTCTCG
45	97681	CCTCCGTCGC	TGACCATCCA	CCCCCACGCG	GTGCTGGAGG	GCCAGCCGTT	TAAGGCGACG
	97741	TGCACGGCCG	CCACCTACTA	CCCGGGCAAC	CGCGCGGAGT	TCGTCTGGTT	CGAGGACGGT
	97801	CGCCGGGTGT	TCGATCCGGC	CCAGATACAC	ACGCAGACGC	AGGAGAACCC	CGACGGCTTT
	97861	TCCACCGTCT	CCACCGTGAC	CTCCGCGGCC	GTGCGCGGCC	AGGGCCCCCC	GCGCACCCTT
	97921	ACCTGCCAGC	TGACGTGGCA	CCGCGACTCC	GTGTCGTTCT	CTCGGCGCAA	CGCCAGCGGC
	97981	ACGGCATCGG	TGCTGCCGCG	GCCAACCATC	ACCATGGAGT	TTACGGGCGC	CCATGCGGTC
50	98041	TGCACGGCCG	GCTGTGTGCG	CGAGGGGGTG	ACGTTTGCCT	GGTTCCTGGG	GGACGACCTC
	98101	TCGCCGGCGG	AGAAGGTGGC	CGTCGCGTCC	CAGACATCGT	GCGGGCGCCC	CGGCACCCTC
	98161	ACGATCCGCT	CCACCTTGCC	GGTCTCGTAC	GAGCAGACCG	AGTACATCTG	CCGGCTGCGC
	98221	GGATACCCGG	ACGGAATTCC	GGTCTTAGAG	CACCACGGCA	GCCACCAGCC	CCCGCCGCGG
	98281	GACCCACCG	AGCGGCAGGT	GATCCGGGCG	GTGGAGGGGG	CGGGGATCGG	AGTGGCTGTC
55	98341	CTTGTCTCGG	TGGTTCTGGC	CGGGACCGCG	GTAGTGTACC	TCACCCACGC	CTCCTCGGTG
	98401	CGCTATCGTC	GGCTGCGGTA	ACTCCGGGGC	CGGGCCCCGG	CGCCGGTTGT	CTTCTTTTCC
	98461	ACCCCTTCCG	TCCCCCGTAC	CCACCACACC	CCACCCACCC	CCCCCGCCGT	CCCCCGGGCG
	98521	TTATAAGCCG	CCGCACTCGC	TTTTCCCACC	GGAAAATCCT	CGGCCCGATC	CGAACGGCGC
	98581	ACGCCGCGTG	GGCTCCAAAC	GCCTCCGGAA	GAGAGCGCCC	CGCCCCGATA	TTCAAGCCCG

	98641	CGGTGGTGCT	ATGGCTTTCC	GTGCTTCGGG	ACCCGCCTAC	CAGCCCCTCG	CCCCGCGGC
	98701	CTCCCCGGCG	CGGGCTCGTG	TTCCGGCCGT	GGCCTGGATC	GGCGTCGGAG	CGATCGTCGG
	98761	GGCCTTTGCG	CTCGTCGCCG	CGTTGGTTCT	CGTACCCCT	CGGTCTCTCGT	GGGGACTCTC
5	98821	GCCGTGCGAC	AGCGGCTGGC	AGGAATTCAA	CGCGGGATGC	GTGCGGTGGG	ACCCACCC
	98881	CGTCGAGCAC	GAGCAGGCGG	TCGGCGGCTG	CAGCGCGCCG	GCCACCCTTA	TCCCCCGTGC
	98941	GGCCGCCAAG	CACCTGGCCG	CTCTGACACG	CGTCCAGGCG	GAGAGATCGT	CGGGTTACTG
	99001	GTGGGTGAAC	GGAGACGGCA	TCCGGACCTG	TCTGAGACTC	GTCGACAGCG	TCAGTGGCAT
	99061	CGACGAGTTT	TTCGAGGAGC	TCGCGATCCG	CATATGCTAC	TACCCACGAA	GCCCCGGCGG
	99121	GTTTGTCCGC	TTCGTAACCT	CGATACGTAA	CGCCCTGGGG	TTGCCGTGAG	GCGCGCGTCC
10	99181	GACGGTCCCG	CTTCTCGCCT	CTCTTCTTCC	CCCACCCAC	CCACCGACCA	ACGACGGCGT
	99241	TTGGCCAATA	CCCTCCTTTT	TTCTTTTCT	CTTCCCCC	CCCCAAAAA	AACAATAAAC
	99301	AGCTAATTGC	GTACGACAAA	CCATGCGGAA	CTCGCTGTTT	TTTTTCTCTG	TTTGTTACTT
	99361	TTTATTGAAA	CAGACATACG	GGGAAAGGGG	CCGAAAACCG	AGACGGTGGG	GCCGGCGGTCT
	99421	GCATTTTFTT	AATGGCTCTG	GTGTTCGGCCG	CGTTTGGAGCT	TCGTCAACAG	GGCGCTGAGG
15	99481	GCGGCGACGT	TCGTTCGGCC	GTCTGTGGCC	AGCGCGTTGG	TCCGGGGGCG	GCCGGGCATG
	99541	GGCGACAGGC	TTAGTCCCGG	GTCCGGGGCG	CGTGTGGCCC	GCCGAGGGGA	GAAGAGGGCA
	99601	GACCCGCCCC	AGTCGTACAG	GGGATTTTCC	GCCTCGATGT	ACGGGGAGTC	CGGGGCGTCT
	99661	CCCGGCAGGG	CGGCCCCGCC	GGCAAGACGC	CGGCGAGGGC	AGATGTTTTT	GTATACCCGA
	99721	ACCCAGGGGA	TCTCCTCGTA	GACGCGCCCC	CCATCCTCGC	CCACCGACTC	GTAAATGGAA
20	99781	TCTGCGTCC	CGGAGGGGGC	GCGGGGGGCG	TGGCTTTTCG	CCGGCCAGGC	GGCGGCGGCG
	99841	GTGGTGTTCG	CGGCGGGGGT	GGCGCCAAGC	CCGACGCCCC	CGGGCATGGC	GGCGTCATCG
	99901	TCGGGCAGCA	GATACGTGTT	TTCCATCTGG	TCCGGTTTCG	CCTCCGCGTC	CGCCCCCAG
	99961	GTCCGCACCG	CGTCGTAGAC	CCCGGCGGCC	TCGCGCTGAG	CCGCGAGCGG	GCGCGCCGCG
25	100021	GCTGCCGGCC	GCTGCTCGGG	GGCGCGGGG	TTGCGGGGCG	GGAGCGCGCG	GGGCGCCCGG
	100081	GCCATATGCG	TGTAATACGT	GGCCGGCCCG	CCGGCGCAGG	GCTCGGGACC	CCGTCGGGCC
	100141	GCGTCGACGT	GCGGGGGCTC	GGGGAGGTCC	TCGCGGTGGC	GCCTGCACCT	CCGAGGGGCC
	100201	GCGGGGGTCG	AGTGGGGGCG	AGCCCGGGGG	AGCGGCGGGG	GTGCGTTGTC	GCGCCGGGTC
	100261	CGTTGTATCT	TGTCCCGGCA	GCTCCCGCCG	ACCGCGCCGC	GGCCCCCGG	TGGGCCGGAC
	100321	GCCGCGAGGC	GCAGGATGGA	CTCGTAGTGG	GGCGACGGGG	TTCCGCTCCG	AAGCAGGTCC
30	100381	GGGGCCAGGG	CGGCCCCGAA	CCAGGACTTG	ATGCTGAGTT	CCATCCGGGC	CCAGCTCGGG
	100441	GCGGTCATCG	TGGGGAACAG	GGGGGCGGCG	GTCCTGCAGA	AGCGCTCCTG	GCTGTCCACC
	100501	GCCGCCGTAA	GGTACTCGTT	GTTCAGGCTG	TCGGAGGCC	AGACGACATA	CCCGGTAAGC
	100561	GTCGCGTTAA	TTATATACTG	GGCGTGGTGG	TGGACTATGG	ATAGAACCTC	GACGGTCGAG
	100621	ACGATGGCGT	CCACGATCCC	GTACGTGCCG	CCGCTGCGCT	TGCCGGTCTC	CCACAGGTGG
35	100681	GCCAGGCGCG	TCAGGTGGCC	CAGGACGTCT	CTGACCGCCG	CCCGCAGGGC	CATGCACTGC
	100741	ATCGAGCCCG	TGGTGCCGCT	GGGCCCCGCG	TCCAGGTGGC	GCGCAAACGT	CTCCGCGGGC
	100801	GCCTCCAGAC	TCCCGCTGAG	CGCCACGAAC	CGGCGATCGG	CGGGGCCAG	GCGGCGACAC
	100861	ACGTACTTGT	CCGCCGTCCA	CAGCATCCAC	GAGGCCCAAT	GGTACAACAC	GGAGACGTAG
	100921	GCCAGGAGCT	CGCTCAGCCG	CAGTGCGGTG	TCCGTGCTCG	GCCGGCTCGG	GTCTGCGGGG
40	100981	CGCATAAAGA	ACATGTACTG	CTGGAGCCTG	TGGGCCGCGT	CGCGCAACCC	CGCCACCGCG
	101041	GCGGCGTACT	TGGCCGCGCG	GGCCCCGCTC	TTGAACGGGG	CGCGCACCAG	CAGCTTCGGG
	101101	AGCAGGGTGG	GCCGCAGCAG	CACGTGTCAG	CTGGGGTTCG	AGTCGCCCGC	CGGGTCTCG
	101161	GGGATGTCCA	GGCCGCTGGG	CACGACCGTC	TGGAGGTACT	TCCAGTACTG	CGCTAGGATG
	101221	GCGCGGCTCA	GCTGGCCGCC	CGACAGCTCC	ACCTCGCCGA	GCGCCTGCTT	GGCGGCCGAC
45	101281	GCGTAGTGCC	GGATGTAGTC	GTAGTGCGGG	TCGCTGGCGA	GCCCGTCTAC	GATCAGGCTC
	101341	TCGGGGACGG	TGTTATGGTG	CCGCGCCGCC	AGCCGGACGC	TGCGATCGGC	GCCGGTCAGA
	101401	AACGCCGGCT	GCAGGTCGTC	GGCGCGCTGC	CGCAGGACGC	CCACGGCCGC	GCTGAGGAGC
	101461	CCCTCCGGGG	TGGGGAGCAG	ACACCCGGCG	AAGATGCGCC	GCTCGGGGAC	GCCCCGCTTG
	101521	GCGCCGCGGA	TGAGGTTGGC	CGGCGTCAGG	CACCGCGCCA	GCCGCAGGGA	GCTCGCGCCG
50	101581	CGCGCCCGGC	GTTGCATGGC	GGAGACCGTT	CGGTTCGGGG	CCCCGCCGGT	CGGAGGTATG
	101641	CCGCGTCCCG	GGATATAGGG	TTGCTTTTTT	TGGGGAGGCG	CCTATGGGCG	TGGCGGGCCG
	101701	CCCAGCCCGG	TCGCGCGCCT	CCCGGACACG	TGCGCCCGGA	GGGCGGCGGT	CTCCTCGTCG
	101761	CCCATGAGCA	GTTTCCGAAA	CTGCGCCATG	ATGTCCACGA	CGCGGACCCG	CGGCCCCAGC
	101821	ACGGACTCGC	TATTCAGGGG	GGCGGGGGGG	AAGGCCGCCA	GGTCTTCGAG	CAGGAAGGCG
55	101881	GGGTCTGCCG	TCCCGCTCAC	GGGCGCCCGG	GGCGCCGAGG	ACGCGGGGCG	AAGGTCCACG
	101941	TGTTCCGCGG	CGGCGCGCAC	GTCCGCCCAA	AATTTGGCGG	GGGTGGTCCG	CGCGTACAGG
	102001	GGCTGGGTCT	CGCGGAGGAC	GCACGCGTAG	CGCAGGGGGG	TGTACGTGCC	CACCTCGGGG
	102061	GCCGTCGACC	CGCCGTCAAA	CGCGGCCAGG	GCCACGCACG	CGACCACCGT	GTCGGCCAGG
	102121	CCCAGCAGCC	GCTGCAGGAT	GAGCCCCGTC	GCCAGCACGG	CGCGCGCGGC	CGCCGCGTCC

	102181	TCCCTGCGCC	GGCGCGCGTC	CCCGCAGGCC	AGGGCGTATT	TCAGGGTAAC	GGTCGCCAGG
	102241	GCCGTGTGCA	GCGCGTACAC	GGCCGCGCCC	AGCACGGCGT	TCAGCCCGCT	GGTGGCGAGC
	102301	AGGCGGCGCG	CCGCGGTGTC	GCCCAGCGCC	TCGTGCTCGG	CCGCCACGAC	CCCGGGGCTG
5	102361	CCCAGGGGCA	GGGCGCGAAA	CAGCGCCTCC	TGCTCCACGT	CCGCAAACGC	GGGGTGGGCG
	102421	GAGTGC GG GT	GCAGGCGCGC	CCCCACGACC	ACCGAGAGCC	ACTGGACCGT	CTGCTCCGCC
	102481	AGGACCGCCA	GCACGTCCAG	GACGCGCCCC	GCAAACGCGG	CCTCCCGCGG	GAGCACGCAT
	102541	TTGACGGCGC	CGGGGTTGAA	GCGGGCGAGC	AGAGCCCCGG	TGGCGATGTA	CGTCATGCGC
	102601	CCCGCGTAGC	GGGCGGCCAC	GCGACAGTCG	CGCCCCAGGA	GCGCGCGCAC	CCCGGGCCAG
	102661	TACAGCAGGG	ACCCCAGCGA	ACTGCGAAAG	ACCGCGGCGT	CGGGGCGGGG	GTGGGGGGGC
10	102721	GCGGCCCCCTC	CCGCGCTGAG	CAGCGGCACG	GCGGCGGCCC	CCACGGGCGG	CAACGCCGTG
	102781	AGGCTCGCGA	ACTGCCGTCTG	GAGCTCGGCC	GCCCTGTCTG	CGAGCTCCGA	GCCGCGCCCC
	102841	TCCGTGTGCA	GGCGCGTCCC	GCAGACCCAC	CCGTTGATCG	CCACCCGCAC	GATGGCGTCC
	102901	ACCAGAAAAC	CCATCGCGCG	GGAGGGGCTG	GTTTTTGCCC	GCCGATCCGT	CAGGTTCGAGG
	102961	ATCGCGTCGC	CCGTGACGTA	CCAGGCCAGC	GCCTCGCCCT	GCTGCAGCGT	CTGGCGGAAA
15	103021	AACACCTTTG	GGTCGGCCGG	GGAGGCAAAG	TGCATGACCC	CCACGCGCGA	CAGCCCCGAAC
	103081	GCGCTATCCG	GACACGGGTA	GAACCCGGCC	GGATGTCCCA	GGGCCAGGGC	CGAGCGCACG
	103141	GACTCGTCCC	ACGCGGCGAC	TCGGGGGGTC	AGGCGGTCCA	GGGGGAATGC	CGCCTGCAGC
	103201	TCCGGGCCCCG	ACACGCGGCC	CGCGAGAATC	TCGACCGTCG	CGGAAGGCCG	CGCCCCGGGG
	103261	CCGTTCATCGT	GCGCGACGGC	GGCGGGGTAG	TCGTCTCTCT	CGTAGTTGAG	CTCGTCCAGG
20	103321	AACAGCGGCG	AGGGCACCAC	CCGCGAACCG	CCCACCCGCC	CCAAAACGTC	GCGTGGGTCC
	103381	ATCGGGCCCA	GGTAGCCTCC	CCGCGGGGCC	CGCGTGATGG	CGCTGTCCCG	GCGTCCGCGA
	103441	ACGGACTGGC	TCCTGGCCGT	AACGGACCTG	GGGCGCGGAA	AGGACGCCCG	GCGGGGGGGC
	103501	GCCGCCGCCC	GGGCCTCGGA	CGCGCGTCGG	GACCCGGGGT	GACCGCGGGG	CTCCCGGCGA
	103561	GCGCGCGGGG	GCGGCTCTTC	GCTCGCCATC	TACCCCGCGG	CCTCGACCTC	GCTGTCTCTG
25	103621	TCCACGTTAA	ACACCGCCCG	CAGGTACCCC	ATTAACCCGA	CTCCACCGCC	CTCGGGCTCG
	103681	TCCTCCACGG	GCGAGTCGGC	GCGATGCGCG	GACGGGGCAT	GGGACCGGGT	GGAGGCGCGC
	103741	CTCCGGCGTA	CGGCATGCCC	GCGCACGGAC	ATGGTGGCCG	GAGGCCCGAT	TTTTTTACACA
	103801	CGCCCTCCCC	GCAGACGGAC	GAGGAAAGGG	GTGGTGGCAG	GGGGGAGGCC	CAAACGGGGA
	103861	GGTGGGGGGT	AGGGGGGCGT	CCCAGGGAGC	GGGGGGTAGG	AACCGGCACG	ACGGGAACAG
30	103921	AGAAAACGCG	ACCGCTCCAA	CAAGGTTGGG	GGGGTGGGCC	TCGTCCCCAC	GCAGACCCGC
	103981	GGGCAAATGC	GAGAACGGGA	CCCGCGCGCC	TGCCTTTATA	CGCGGACCCC	AGCACCACGA
	104041	GCCGTTCTGT	GACGCGAATC	TACACGACCG	CGGGCTCGTA	GGCGGCGACT	ACGCCCAACC
	104101	CAACGCGACA	CACCCCCAC	CCCGCGCGTA	ACCCCATTTT	TTTCATGGTC	CCGTAATAAA
	104161	CAGCCAACGC	ACGCCGCGTA	TGATGAGTTG	CTTGCCAATG	TTTATTGCTG	TGGTTGCGAA
35	104221	CCCTCTATCG	CGATACAGAC	GGAGGTGAGG	CGGGGCGGTG	GTGGGGGGGG	GGCGCGCCGC
	104281	CCGGTTCGCAC	ATCCTACCCC	CCAAAGTCGT	CAATGCCCAT	GGCATCGGTA	AACATCTGTT
	104341	CAAACCTCAA	ATCGTCCACG	TCCAAAGCCC	CATACGAGAC	GGGGTCGTGG	GTCATTCCCC
	104401	GGGAGGGGGA	CTCCACGTCC	CCCAGCATCT	CCAAGTCGAA	GTCGTCCAGG	GCGTCCGCGG
	104461	GCGTCATATC	CACCTCCTCG	CCGTCCAGGC	GGAGTTCGTC	TCCCAGGCTG	ACGTCCGTAA
40	104521	TGGGGGCGGT	GGTGGACAGT	CTGCGGGGGC	GTTGTCCCCG	GGAGAGAAAC	GACATGCGCG
	104581	GCGCCACCAG	CCCGGCCCTCC	GCAGGAGCGT	CATCGTCTGC	CGGGAGGTGC	AGCAGGCCCT
	104641	CGATTGTCTG	TCCGTAATTG	TTTCTGTGTC	GCCCCGCGCT	ATACGCGTGC	TCCCGCATGA
	104701	CGGACTCGCC	CTCCGAGGTC	GCGACGCTGG	AGTACGAGTC	CAACTTGGCC	CGGATCAGCA
	104761	GCATAAAGTA	CCCAGAGGAG	CGGGCCTGGT	TGCCCTGCAG	GACGGGCGGG	GTCGTGAGGG
45	104821	GCGCCCCGGG	TTCTCTCGCC	GCCGCACTTC	GCACCAGCGG	GAGGTTTCAGG	TGCTCGCGAA
	104881	TGTGGTTTTAG	CTCCCGCAGT	CGCCGGGCCCT	CCACGGGAAC	TCCCCGCACG	GTGAGCGATC
	104941	CGTTGATAAA	CATCAGGGGC	TGAAACAGAC	ACGCCAACTG	GCGCCAGCTC	TCCAGGTTCG
	105001	AGCAGAGGCC	GTCGAACAGA	TCGGGCCGCA	TCATCTGCTC	GGCGTACGCG	GCCCATAGGA
	105061	TCTCGCGGCT	CAGAAAGAGG	TATAGATGCA	GAAACAGGAC	GCGCGCCAGG	CGCGCGGCTC
50	105121	CGCGGTAGTA	CCTGTCCCGG	ATCGTGGTGC	GCAGCATCTC	CCGCAAGTTC	CGGTTGCGGC
	105181	CCCGCATGTG	TGCCTGGCGG	TGTAGCTGCC	GAAACGCTGG	GCGCGAGTAC	CGGTACAGGG
	105241	CCGAGCAAAA	ATTTGCCAAC	ACGGTCCGGT	AGCTCTCCTC	CCGCGCCCCG	AGCTCACC GC
	105301	GGAAAACTG	CGCCATGGCC	TCGTAGTACG	AAGGCAGCTC	GTCGCGGGTG	GCGGGCAGGG
	105361	TGGGGAACGC	CACGTGCGCG	TGGGCGCGAA	TGTCGATCGG	GGAGCGCTCG	GGGACGTGCG
55	105421	CATCCCCCCA	GTCGATCACG	TCGCTGGGCA	GCGTCGACAG	AAACTTGAC	TCCCGGTACA
	105481	TGTCGGCGTT	GGTCGGGAAC	CCAGAGAACA	GGTCCTCGTT	CCAGGTATCT	AGCATGGTAC
	105541	ACAGCGCGGG	ACCCGCGCTG	AAGCCCAGAT	CGTCGAGGAG	ACGGTTAAAC	AGGGCCGCGG
	105601	GGGGGACGGG	CATGGGCGGC	GAGGGCATCA	GCTGGGCCTG	ACTCAGCCGA	CCGGTGGCGT
	105661	ACAGCGGAGG	GGCGGCTGGG	GTGTTCTTGG	GACCCCCGGC	TGGCCTGGGG	GGCGGTGGCG

	105721	AAACCCCGTC	CGCGTCCGCA	AACAGATCGT	CGACCAACAG	GTCCATGGGG	GCGGTTGGGT
	105781	CCGGGAATAA	CGATCTCGAG	AGGCGAATGA	GACGTGCCCG	AGCGCCCGGC	GGCGGAGAGG
	105841	GGGGGAGGGA	TCCGGGACCC	GCGACAGAAA	AAGGCCGGGG	CCCTCGCGAA	GGGAATCGCC
5	105901	GGGGGTGCCG	TGCGTCCCCG	AGGACTGACA	TCTCGCGTCC	ACCACCCCGC	ATTTAAGTAT
	105961	CACCCAGTG	CCGCCCAA	CCTCGTGA	TCCCCACCGC	TCCGGGCGGC	CCGTCCCCCG
	106021	CGCTCGGAAG	GGAGGCGTGT	CCTTCCTCCC	GCCCCCTCCG	CCCCTCCCGC	CCCTCCCCCG
	106081	CCTCCCGCCC	CTCCCGCCCC	TCCCGCCCT	CCCGCCCTC	CCGCCCCCTC	CGCCCCCTCC
	106141	GCCCCCTCCG	CCCCTCCCGC	CCCTCGCCAC	AAACGCGTGC	TGACAGCGAA	GTGGTTAAAT
	106201	CGACCGTGAT	GCTTTATTGT	CTGTGCTCTG	AACGCGGTCT	GGGTCGCTAC	TCGAGGGGGC
10	106261	GGCGGGGACG	GGAAGCCGAG	CGGGCGGGGG	CCCGTGCGGT	CGCGGCGGCA	CGCCCCGCGG
	106321	GGCGGCCCCG	GGCGGCCGCG	GTCGCGTCGA	CGTCCTGCGC	CGCGTCGGGA	TTACCAACT
	106381	CGTTCGCGCG	CTGCAGGAGG	TTCTTGCCCT	CGCAGACCGT	CACGCGAATG	GTGGTGAGGT
	106441	CGAGGAGCTC	GTTGAGGTCT	TCGTGCGGTG	GCGGCCGCGA	CATGTCCCAC	AGCTGTACCG
	106501	CCGCCAGCCG	GGCGTGCGTG	GCCGCCAGGC	GCCCCACCGC	GGCGCAGAAG	ACGCGCTTGT
15	106561	TGAACCCGGC	CACCCGGGGG	GTCCACGGCG	CCGTGGGGCT	CGGTGGGGCG	GTGCTGAAGT
	106621	GCAGCTTCTT	GGCCAGTCCC	TGGGCGGGTG	TCTTGCTTCT	TCCCGAGGCC	GTGGGAGCGG
	106681	GGGCGTCTAG	GAGCACGGCG	GAGTCGGCCT	GGGCGGGTCG	CCTGCCGCGG	GCGGGGTGCG
	106741	TCGCCGGGGT	CGCGGAGGCC	TTAGGCGCCC	CGCGCGTCAT	TTTGGGGGTC	CGCGCGGGAG
	106801	GGGCGTGCGA	GCGCCCGCCG	GCGCCACGG	GGCCCCCGGG	GGGTGGAGGA	GCGCGCGCGG
20	106861	GGCCGGGGCC	GTGAGAGCCC	GCGACGGACG	CCGAACGACG	CGGTGCGCGG	GTATCCCGGG
	106921	ACTCGTCGTC	GTCCGAAGAC	GAGTCCCGGT	AGAGGGCATA	CCCAGCCTCG	TCATAATGGA
	106981	GAAAGCGAAC	CTCGCCCCCT	GGGCGCGCGC	GCATCGGGCC	AGCGCCGCGG	CGGAAGTCGT
	107041	CGCGCGGACT	CTCTGGGTCC	GCCGGGGAGA	CCGGGCCATA	GTACAGCTCC	TCGTGGGTCC
	107101	CGCGCGGCGC	TTCCCGCGGA	CACGACTTGA	CGGAGCGGCG	AGAGGTCATG	GTCTATCGGA
25	107161	GACACCGGGG	ACGCCCCGTC	GACCTCACAG	GAAGCCGTCG	GCGAAGGAGG	CAGGAGCGGT
	107221	CGGAAGGCGG	CGAGGGAGGG	AAAGAGGGAG	ACCGGCGGGG	TACGGGAGAG	CAGCGAGGGC
	107281	CTGCGTAACC	CACGGGGGCC	GCGGGAGTGG	CTCCCTGCGG	GTTGCGGGGG	AGAGTTTATA
	107341	GGAAGTGGA	ATAACCGCAG	GCGACGGGAC	TAACCAATCC	CCGGGGGGGC	AACGGACAGA
	107401	CACGCCCCGA	ACAGGCCCGA	CTTCCGCGAG	GAAGCAAAGG	CCGGGGGGCC	CCCAACGACA
30	107461	CGCCACCCCC	TTCCCAACAG	GGCGGGCTCA	GGCTGACCCG	GCGGCCAGTG	CCCGCTGACA
	107521	TATCTGATAC	ACGTGCGCGA	TCATACATAC	GCCCATCGAG	GTCATGCCTA	GATAAAAGGG
	107581	CACCAGGACC	CCCGGGACGG	ACACCACACC	GGCGCTGTCT	CCCCGGCATT	GCGCGTCCCC
	107641	GATAACGCCC	CGTGCGCCTG	CCGCGTTCCG	CGGCTCCCCG	GGCAGCGCCG	CGACGAGCGC
	107701	GACGAACAAC	AGCACCAACC	AGCGGGCCAG	TCTTGCGGGT	TTCCCGGTCA	TCGCGGCGAT
35	107761	GAGTCAGTGG	GGGCCCAGGG	CGATCCTTGT	CCAGACGGAC	AGCACCAACC	GGAATGCCGA
	107821	TGGGGACTGG	CAAGCGGGCC	TAGCTATTCT	CGGGGGCGGA	GTCGTTCAAC	TGAACATGGT
	107881	CAACAAACGC	GCCGTGGATT	TTACCCCGGC	AGAATGCGGG	GACTCCGAAT	GGGCCGTGGG
	107941	CCGCGTCTCT	CTGGGCCCTG	GAATGGCAAT	GCCGCGGGAC	TTCTGCGCGA	TTATTACGCG
	108001	CCCCGCGGTA	TCCGGCCCCG	GGCCCCACGT	GATGCTCGGT	CTCGTCGACT	CGGGCTACCG
40	108061	CGGAACCGTC	CTGGCCGTGG	TCGTAGCCCC	GAACGGGACG	CGCGGGTTTG	CCCCCGGGGG
	108121	CCTCCGGGTC	GACGTGACGT	TTCTGGACAT	CCGGGCCACC	CCCCCGACCC	TCACCGAGCC
	108181	GAGCTCCCTG	CACCGGTTTC	CGCAGTTGGC	CGCGTCCCCG	CTGGCAGGGT	TACGAGAAGA
	108241	TCCTTGTTTG	GACGGGGGCG	TCGCGACCGC	GAGGGGGGCG	GTGGCCCTGC	CGGCAGACG
	108301	GCGCGGGGGA	TCGCTGGTCT	ACGCGGGCGA	GCTAACGCGA	GTGACCACCG	AGCACGGCGA
45	108361	CTGCGTGAC	GAGGCGCCCC	CCTTTCTGCC	AAAGCGCGAG	GAGGACGCGA	GCTTTGACAT
	108421	TCTCATCCAC	CGAGCCGTGA	CCGTCCCGGC	CAACGGCGCC	ACGGTCATAC	AGCCGTCCCT
	108481	CCGCGTATTG	CGCGCGGGCC	ACGGACCAGA	GGCCTGCTAT	GTGCTGGGGC	GGTCGTGCGT
	108541	CAATGCCAGG	GGCCTCCTGG	TCATGCCTAC	GCGCTGGCCC	TCCGGGCACG	CCTGTGCGTT
	108601	TGTTGTATGT	AACCTGACCG	GAGTCCCGGT	GACCCTACAA	GCCGGGTCCA	AGGTCGCCCA
50	108661	GCTGCTCGTC	GCGGGGACCC	ACGCCCTCCC	CTGGATCCCC	CCCGACAACA	TCCACGAGGA
	108721	CGGCGCATTC	CGGGCCTACC	CCAGAGGGGT	TCCGGACGCG	ACCGCCACCC	CCCAGAGACC
	108781	GCCGATTTTG	GTGTTTACGA	ACGAGTTTGA	CGCGGACGCC	CCCCCAAGCA	AGCGGGGGGC
	108841	CGGGGGGTTT	GGCTCCACTG	GCATCTAGAC	CGCGCCTCGC	GTCGGGGCCG	ATGGGGCCCC
	108901	GGTCAATAAA	GAGCTCTGTT	TCGCATATGC	CCTGGTGTTG	GCGGTTTTTT	TTTGTGTGCT
55	108961	GTCTGCCCCG	CGCTCGGTTG	TCCGTTCTGT	CGTCGCTATC	ACATACGCAC	AAACACACGG
	109021	GTAGAGTGGA	ACCGAAACCG	GTCGACGTTT	ATTACACCACA	CAGAAACACA	AGCTAAGCGA
	109081	GAAGGAGGGG	GGCCTCGGTC	GACGAGGCCT	GGCGTTTGGG	GGCGGACGTG	CGATGACGTG
	109141	GGTCCGGTGT	AGGGTCCGCG	GGGGGCACGG	GCCCCGGGGC	AACGGGGGAT	CTGTCGCCGG
	109201	CGTGGGTGAC	TGGGACCGAC	GCAACCTCCG	GGGCTTGTCG	CCTCGTAGGC	CCGGGGGGGG

	109261	CCTCGGTGCG	TCCAAGCCCC	GCGGTGCGGG	TCCCTCCGGC	CAGAGCCGAG	GTGGAGAGAC
	109321	CAAGGGCCCC	CTCCGCGATC	GCCACGTCCT	CCATGACCAC	GTCGCTCTCG	GCCATGCTCC
	109381	GAATGGCCTG	GGAGACGAGC	ACGTCCGCCG	ACTTGTCCGC	GGCCCCACC	GACATGTACA
	109441	TCTGCAGGAT	GGTGGCCATG	CACGTGTCCG	CCAGGCGGGC	CATCTTGTCC	CGATGCGCCG
5	109501	CAACGGCCCC	GTCGATGGTG	GAGCCCTCGA	GTCCCGGGTG	GTGGCGCGCC	AGCCTCTCGA
	109561	GGTTGACCAT	GCAGGCGTGG	TATGTGCGGG	CCAGGCGCGC	CGCCTTCACG	AGGCGCCGGG
	109621	TGTCGTCCAG	CGACTCTAGG	CGCTCGTCGA	GCGTGATGGG	GGCGGGCAAA	AGCGCATTGA
	109681	CCACCGCCAG	GGCCTCCTGC	AGCCGCGGCT	CCGCCTCCGA	GGGCGGAGCC	GCGGCCCGAA
	109741	TCATCTCATA	TTGTTGTTCC	TCGGGGCGCG	TTCCCCAACC	GCACAGCACC	CCGAGCAGGG
10	109801	ACGCCATCCC	GGAACACGCG	CGCGGCTCTG	CGCCGGCTTT	CCCCACCCC	ACCCCTCCG
	109861	GGTTCGAGG	GGCGATGGGG	ACGGAAGACT	GCGATCACGA	AGGGCGGTCTG	GTTGCGGCTC
	109921	CCGTGGAGGT	TACGGCGCTG	TATGCGACCG	ACGGGTGCGT	TATCACCTCC	TCGCTCGCCC
	109981	TCCTCACAAA	CTGCTTGCTG	GGGGCCGAGC	CGTTGTATAT	ATTCAGCTAC	GACGCGTACC
	110041	GGTCCGATGC	GCCCAATGGC	CCCACGGGCG	CGCCACCCGA	ACAGGAGAGG	TTTCGAGGGGA
15	110101	GCCGGGCGCT	CTACCGGGAT	GCGGGGGGGC	TAAATGGCGA	TTCATTTTCGG	GTGACCTTTT
	110161	GTTTATTGGG	GACGGAAGTG	GCGGTGACCC	ACCACCCGAA	AGGGCGCACC	CGGCCCATTG
	110221	TTGTGTGCCG	CTTCGAGCGA	GCGGACGACG	TCGCCGTGCT	CCAAGACGCC	CTGGGCCGCG
	110281	GGACCCCAT	GCTCCCGGCC	CACGTACAG	CAACTCTGGA	CTTGGAGGCG	ACGTTTGC
	110341	TCCACGCTAA	CATCATCATG	GCTCTCACCG	TGGCCATCGT	CCACAACGCC	CCCGCCCGCA
20	110401	TCGGCAGCGG	CAGCACCGCC	CCCCTGTATG	AGCCCGGCGA	ATCGATGCGC	TCGGTTCGTC
	110461	GGCGCATGTC	CCTGGGGCAG	CGCGGCCTCA	CCACGCTGTT	CGTGCACCAC	GAGGCGCGCG
	110521	TGCTGGGGGC	GTACCGCCGG	GCGTATTATG	GGAGCGCCCA	AAGCCCCTTT	TGGTTTCTGA
	110581	GCAAATTCCG	CCCGGACGAA	AAGAGCCTGG	TGCTGGCCGC	TAGGTACTAC	CTACTCCAGG
	110641	CTCCGCGCTT	GGGGGGCGCC	GGAGCCACGT	ACGATCTGCA	GGCCGTGAAA	GACATCTGCG
25	110701	CGACCTACGC	AATCCCCAC	GACCCACGCC	CCGACACCTT	CAGTGCCGCG	TCCTTGACCT
	110761	CGTTCCGCGC	CATCACTCGG	TTCTGTTGCA	CGAGCCAGTA	CTCCCGCGGG	CCCGCGGCCG
	110821	CTGGGTTTCC	GCTGTATGTG	GAGCGCCGCA	TCGCCGCCGA	CGTACGCGAG	ACGGGCGCGC
	110881	TGGAGAAGTT	CATCGCCAC	GATCGCAGCT	GCCTGCGCGT	GTCCGACCGG	GAATTCATTA
	110941	CGTACATCTA	CCTGGCCAC	TTTGAGTGCT	TCAGCCCCC	GCGCCTGGCC	ACGCATCTCC
30	111001	GGGCCGTGAC	CACCCACGAC	CCCAGCCCCG	CGGCCAGCAC	GGAGCAGCCC	TCGCCCTTGG
	111061	GTCGGGAGGC	GGTGGAAACAG	TTCTTCCGGC	ACGTGCGCGC	CCAGCTGAAC	ATCCGCGAGT
	111121	ACGTAAAGCA	AAACGTCACC	CCCAGGGAAA	CCGCCCTGGC	GGGAGACGCG	GCCGCCGCTT
	111181	ACCTGCGCGC	GCGCACGTAT	GCCCCGGCGG	CCCTCACGCC	CGCCCCCGCG	TACTGCGGGG
	111241	TCGCAGACTC	GTCCACCAAA	ATGATGGGAC	GTCGCGCGGA	AGCAGAAAGG	CTCCTAGTCC
35	111301	CCCACGGCTG	GCCCGCGTTC	GCACCAACAA	CCCCCGGGGA	CGACGCGGGG	GCGGCGACTG
	111361	CCGCCCCCCA	GACCTGCGGA	ATCGTCAAGC	GCCTCCTCAA	GCTGGCCGCC	ACGGAGCAGC
	111421	AGGGCACGAC	GCCCCCGGCG	ATCGCGGCTC	TCATGCAGGA	GCGGTGCGTC	CAAACCCCCC
	111481	TGCCCCGTGA	CAGGATTACC	ATGTCCCCGA	CCGGCCAGGC	GTTTGCCGCG	GCGGCGCGGG
	111541	ACGACTGGGC	CCGCGTGACG	CGGGACGCGC	GCCCCGCCGA	AGCGACCGTG	GTCGCGGACG
40	111601	CGGCGGCGGC	GCCCCGAGCC	GGCGCGCTCG	GCCGGCGGGT	CACGCGCCGC	ATTTGCGCCC
	111661	GGGGCCCCCG	GCTCCCCCCG	GGCGGCCTGG	CCGTGCGGGG	CCAGATGTAC	GTGAACCGCA
	111721	ACGAGATCTT	CAACGCCGCG	CTGGCCGTGA	CGAACATCAT	CCTGGATCTG	GACATCGCCC
	111781	TGAAGGAGCC	CGTCCCCTTT	CCCCGGCTCC	ACGAGGCCCT	GGGTCACTTT	AGGCGCGGGG
	111841	CGCTGGCGGC	GGTTCAGCTG	TTGTTTCCCG	CGGCCCGCGT	AGACCCCGAC	GCCTATCCCT
45	111901	GTTATTTTTT	CAAAAGCGCC	TGTCGGCCCC	GCGCGCCGCC	CGTCTGTGCG	GGCGACGGGC
	111961	CCTCGGCCCG	TGGCGACGAC	GGCGACGGGG	ACTGGTTCCC	CGACGCCGGT	GGTCCCGGCG
	112021	ACGAGGAGTG	GGAGGAGGAC	ACGGACCCCA	TGGACACGAC	CCACGGCCCC	CTCCCGGACG
	112081	ACGAGGCCGC	GTACCTCGAC	CTGCTACACG	AACAGATACC	AGCGGCGACG	CCCAGCGAAC
	112141	CGGACTCCGT	CGTGTGTTCC	TGCGCCGACA	AGATCGGGCT	GCGCGTGTGC	CTACCGGTCC
50	112201	CCGCCCCGTA	CGTTGTGCAC	GGCTCCCTGA	CGATGCGTGG	GGTGGCGAGG	GTGATCCAGC
	112261	AGGCGGTGCT	GTTGGACCGC	GACTTCGTGG	AGGCCGTAGG	GAGCCACGTA	AAGAATCTTT
	112321	TGCTGATCGA	TACGGGCGTG	TACGCCACAG	GCCACAGCCT	GCGCTTGCCG	TATTTGCGCA
	112381	AGATCGGCCC	CGACGGCTCC	GCGTGCGGCC	GGTTATTGCC	CGTCTTCGTG	ATCCCCCCCC
	112441	CGTGCAGAGG	CGTTCCGGCG	TTCGTGCGCG	CGCACGCCGA	CCCGCGGCGC	TTCCACTTTC
55	112501	ACGCCCCGCC	CATGTTTTTC	GCGGCCCGCG	GGGAGATCCG	CGTCCCTCCAC	AGCCTGGGCG
	112561	GGGACTATGT	CAGCTTTTTT	GAGAAGAAGG	CGTCGCGCAA	CGCCCTGGAG	CACTTTGGGC
	112621	GACGCGAGAC	CCTGACGGAG	GTTCTGGGCC	GCTACGATGT	GCGGCCCGAC	GCGGGGGAGA
	112681	CCGTGGAGGG	GTTTCGCTCA	GAAGTGTGG	GGCGAATAGT	GCGGTGCATC	GAGGCTCACT
	112741	TTCCCGAGCA	CGCGCGGGAA	TATCAGGCCG	TGTCCGTTCG	CCGGGCCGTC	ATTAAGGACG

	112801	ACTGGGTCCT	GCTGCAGCTG	ATCCCCGGCC	GCGGCGCCCT	GAACCAAAGC	CTCTCGTGTC
	112861	TGCGCTTCAA	GCACGGCAGG	GCAAGTCGCG	CGACGGCCCG	GACCTTTCTC	GCGCTGAGCG
	112921	TCGGGACCAA	CAACCGCCTA	TGCGCGTCCC	TGTGTCAGCA	GTGCTTTGCC	ACTAAATGCG
5	112981	ATAACAACCG	CCTGCACACG	CTGTTTACCG	TGGATGCGGG	CACGCCATGC	TCGCGGTCCG
	113041	CTCCCTCCAG	CACCTCACGA	CCGTATCTTT	CATAACGGCC	TACGGCCTCG	TGCTCGCGTG
	113101	GTACATCGTC	TTTGGTGCCA	GTCCGCTCCA	CCGATGTATT	TACGCGGTGC	GCCCCGCCGG
	113161	GGCGCACAA	GATACCGCCC	TCGTGTGGAT	GAAGATAAAC	CAGACGCTGT	TGTTTCTGGG
	113221	CCCGCCGACC	GCCCCCCCCG	GCGGGGCATG	GACCCCCCAC	GCCCGCGTCT	GCTACGCCAA
	113281	TATCATCGAA	GGTCGGGCCG	TGTCCCTCCC	GGCCATCCCC	GGCGCCATGA	GCCGCCGGGT
10	113341	CATGAACGTG	CACGAGGCCG	TAAACTGCTT	GGAGGCCCTC	TGGGACACCC	AGATGCGCCT
	113401	GGTGGTCGTC	GGTTGGTTTC	TGTATCTAGC	GTTTCGTGCG	CTTACCAAC	GACGATGCAT
	113461	GTTTCGGCGT	GTGAGTCCCG	CGCACAGCAT	GGTGGCCCCG	GCGACCTATC	TTTTGAACTA
	113521	CGCCGGCCCG	ATAGTGTCTG	GCGTGTCTTT	GCAATACCCC	TACACGAAAA	TCACCCGCCCT
	113581	CCTCTGCGAG	CTATCCGTTT	AACGCCAGAC	CCTGGTGCAG	CTGTTTCGAG	CGGATCCGGT
15	113641	CACCTTCTTG	TACCACCGCC	CGGCCATTGG	CGTCATCGTG	GGCTGCGAGC	TGCTGCTCCG
	113701	CTTCGTGGCC	CTCGGTCTCA	TCGTCCGCAC	CGCTCTCATC	TCCCGGGGCG	CCTGCGCGAT
	113761	CACACACCCC	CTGTTTCTAA	CAATCACCAC	CTGGTGTTC	GTGTCCATCA	TGCCCCGTAC
	113821	GGAGCTGTAT	TTCATCCTGC	GGCGGGGCTC	GGCCCCCAAA	AACGCGGAAC	CAGCGGCCCC
	113881	CAGGGGGGCG	TCCAAAGGGT	GGTCGGGCGT	CTGCGGGCGC	TGCTGTTCCA	TCATCCTCTC
20	113941	CGGTATCGCC	GTGCGCCTGT	GCTATATCGC	CGTCGTGGCC	GGGGTGGTGC	TCGTGGCGCT
	114001	TCGCTACGAA	CAGGAGATT	AGCGGCGCCT	GTTTGATCTG	TGACGTAACG	CCTCTTCCGT
	114061	TGGAAGAGGC	GGACCCAGTC	GCCCATACAA	ATTAAATACA	CGACCCGCCT	CGGGCCTACG
	114121	CACCTCTCGA	CGTCGCATGC	AAATTAATAA	CGTGACACAG	GCCGATCCGG	CCTCGGGTCT
	114181	GCTTGGCCCC	CCCCCGGCCC	AGCACAGGCA	GGCTCGTCCG	ACTTCCGCAT	ACACCCACCC
25	114241	CTACCGCGTG	CTTCCGCACC	CCCGCCTACG	CGTGTACGCG	AAGCGGGACC	CAGACCTGCC
	114301	GTATGCTAAT	TAAATACATA	AAACCCACCC	TGCGGTGTCCG	ATTGGTTTCT	GGGGACGGCG
	114361	GGGGCGGGGG	CGGTGACGCC	CGACGGGGAG	GGACAAGGAG	GAGTTTCGGA	AAGCCGGCCC
	114421	CGGTCTGTGCG	GGTATAAGGG	CAGCCACCGG	CCCACTGGGC	GCTGTGTGCT	GCCGTGTGCC
	114481	GACCCCGGTT	GCGCGTCTGG	GCCGCTCCTC	GATTCGGACC	CGGCCACTCT	CTTCCGACAC
30	114541	GCGCCCCCTC	GGAGGACACC	CGCCATCCCA	GCCCCGGCGA	CCTACAACAT	GGCTACCGAC
	114601	ATTGATATGC	TAATCGACCT	AGGATTGGAC	CTGTCCGACA	GCGAGCTCGA	GGAGGACGCT
	114661	CTGGAGCGGG	ACGAGGAGGG	CCGCCGCGAC	GACCCCGAGT	CCGACAGCAG	CGGGGAGTGT
	114721	TCCTCGTCTG	ACGAGGACAT	GGAGAGCCCC	TGCGGAGACG	GAGGGGCGGA	GGCCATCGAC
	114781	GCGGCGATT	CCAAAGGTCC	CCCGGCCCGC	CCCGAGGACG	CAGGACCCCT	GCAAGCCCTG
35	114841	ACGCCTCGCC	CGGCAGCGCG	GCGGGGAGCC	GACGATCCGC	CACCCGCGAC	CACCGGCGTG
	114901	TGGTCTGCGC	TCGGGACCAG	GCGGTCTGGT	TCCCCCGGGG	AACCGCACGG	GGGGAAGGTG
	114961	GCCCGCATCC	AACCCCGGTC	GACCAAGGCA	CCGCATCCCC	GAGGCGGGCG	GCGAGGTGCG
	115021	CGCCGGGGCC	GGGGTCTGATA	CGGCCCGGCG	GCGCGCGACT	CCACACCAAA	ACCCCGCCGG
40	115081	CGCGTCTCCA	GAAACGCCCA	CAACCAAGGG	GGTCGCCACC	CCGCGTCTGG	GCGGACGGAC
	115141	GGCCCCGGCG	CCACCCACGG	CGAGGCGCGG	CGCGGAGGGG	AGCAGCTCGA	CGTCTCCGGG
	115201	GGCCCCGGCG	CACGAGGCAC	GCGCCAGGCC	CCCCCTCCGC	TGATGGCGCT	GTCCCTGACC
	115261	CCCCCGACG	CGGACGGCCG	GCCCCGGGTC	CCGGAGCGAA	AGGCGCCCTC	TGCCGACACC
	115321	ATCGACCCCG	CCGTTCTGGG	GGTTCTGCGA	TCCATATCCG	AGCGCGCGGC	GCTCGAGCGC
	115381	ATCAGCGAAA	GCTTTTGACG	CAGTGCCCTG	GTCATGCAAG	ACCCCTTTGG	CGGGATGCCG
45	115441	TTTCCCGCCG	CGAACAGCCC	CTGGGCTCCC	GTGCTGGCCA	CCCAAGCGGG	GGGGTTTGAC
	115501	GCCGAGACCC	GTCGGGTTTC	CTGGGAAACC	CTGGTCTGTC	ACGGCCCGAG	CCTCTACCGC
	115561	ACATTCTGAG	CCAACCCGCG	GGCCGCGTCG	ACAGCCAAGG	CCATGCGCGA	CTGCGTGCTG
	115621	CGCCAGGAAA	ATCTCATCGA	GGCCCTGGCG	TCCGCGGATG	AGACGCTGGC	GTGGTGCAAG
	115681	ATGTGCATTC	ACCACAATCT	GCCGCTCCGC	CCCCAGGACC	CTATCATCGG	AACGGCGGCC
50	115741	GCCGTGCTGG	AAAACCTCGC	CACGCGCCTG	CGCCCCCTTC	TGCAGTGCTA	CCTGAAGGCC
	115801	CGAGGCTGTG	GCGGGCTGGA	CGACCTGTGC	TCGCGGCGAC	GCCTGTCTGA	CATTAAGGAT
	115861	ATTGCTCTCT	TTGTGTTGGT	CATCCTGGCC	CGCCTCGCCA	ACCGGCTCGA	GCGCGGCGTG
	115921	TCGGAGATCG	ACTACACGAC	CGTGGGGGTT	GGGGCCGGCG	AGACGATGCA	CTTTTACATC
	115981	CCGGGGGCGT	GCATGGCGGG	TCTCATTGAA	ATACTGGACA	CGCACCGCCA	GGAGTGTTC
55	116041	AGTCGCGTGT	GCGAGCTGAC	GGCCAGTCAC	ACTATCGCCC	CCTTATATGT	GCACGGCAAA
	116101	TACTTCTACT	GCAACTCCCT	ATTTTAGGCA	AGAATAAACA	TATTGACGTC	AACCCAAGTG
	116161	GTTCCGTGTG	ATGTTCTTGG	CGCGCGCGGC	GGGTGGGGCG	GAGACTCCGG	GGCGATGCCG
	116221	GCGTGCGCGT	GGGAGGAGGG	CGATGACCCA	CCGGATAAAT	GTGGGGCCCC	GGCCCGGCCC
	116281	GCTTCATAGC	GCGTCCAGGA	ACTCACGGCA	GACGCGTATT	CACCGACCCC	CCCCCTCGCA

	116341	CATGACAACG	ACGCCCCTCT	CGAACCTGTT	TTTACGGGCC	CCGGACATCA	CCCACGTCGC
	116401	CCCCCGTAC	TGTCTGAATG	CCACGTGGCA	GGCCGAAAAC	GCCCTGCACA	CGACCAAAAC
	116461	GGACCCCGCG	TGCCTGGCCG	CGCGGAGTTA	TTTAGTCCGC	GCCTCCTGCT	CGACCAGCGG
5	116521	CCCCATCCAC	TGTTTTTTCT	TTGCGGTGTA	CAAGGACTCG	CAGCACTCCC	TCCGCTGGT
	116581	TACCGAGCTC	CGCAACTTCG	CGGACCTGGT	CAACCACCCG	CCCGTCTTGC	GCGAACTAGA
	116641	GGATAAGCGT	GGGGGGCGGC	TGCGGTGCAC	GGGCCCATTG	AGCTGCGGAA	CCATCAAGGA
	116701	CGTCTCCGGT	GCATCCCCCG	CGGGGAATA	CACGATAAAC	GGTATCGTGT	ACCACTGTCA
	116761	CTGTCCGTAT	CCGTTCTCCA	AAACCTGCTG	GCTCGGGGCA	TCCGCGGCC	TACAACACCT
	116821	TCGCTCTATA	AGCTCAAGCG	GCACGGCCGC	TCGCGCGGCA	GAACAGCGAC	GCCACAAAAT
10	116881	CAAAATCAAA	ATCAAGGTAT	AACCCACCCC	CTTCCCTCCG	AGTCCGTATG	CAACCTCAT
	116941	AATAAAGAGT	GAGAACCAAC	CAAAACAGAC	GCGGTGTGAG	TTTGTGGGTT	ATAGGAACCC
	117001	GGTAAATACC	ACGCGACGAA	CCAGCATGTG	TGTTAACGCA	ACTTTTATTC	GTTGTATCGC
	117061	GGGAGGGGGG	AAGCTTACCG	CCAAAGGAAG	GCCAAGATGA	TAACGACGAC	CACCGCGACC
15	117121	ACCCCAAAAA	CCGCATGACG	ACACGTCCCC	CCACACCACC	CTGGGGCTTG	GGGCGTGTG
	117181	GAGCTCGACG	CACAGCGGGC	CGCGCGTTGG	GCCCCGTACA	GCTCTCGCGA	ATTGACAAGC
	117241	GGGGTTCGCC	ACGTGCGCGA	GCTTTGACAG	CGGGGTGGT	CGGCGGGGCC	CACGGACCCG
	117301	CCCGGTGGCT	CGGTGCGACA	TGCGGCCATG	ACCATGGCGT	AGGTGGGGGG	GCGATCCGAG
	117361	GTCGCCTCTG	CGTAAGTAGG	GAGGCCCCGAC	GGGAGGTCGC	CTCCACGCGC	AGGGTGGGCC
	117421	CCAATCATAG	TTTCCGGTAG	AAACAGGGGG	GTCTCCACAA	ACAACCCCCC	TGGGCCAAAG
20	117481	CTCCGGCGCC	GCGCCCGTCG	TTCCGGCGCG	CGCCTGGCGC	GCCGAGCGGC	CCGCCAGGCG
	117541	GCGCGGCGCG	AGCGGCCACG	CTCACACACC	TCGCCGTCAC	CGGAAGAAGC	CGGTGAAACA
	117601	AGCCCAACCG	GCGACGTCCC	TGCAGAGTAC	GGTGGAGGCG	AGTCCGTGGG	GGTGTGCGATA
	117661	TCAATAACGA	CAAACCTGGC	CGCGCTCGCG	CCGGCCACAC	TCTCGTATGG	GGGCGGGGCG
	117721	TCAATCACGC	TATCATCTCC	GTCATCCCTG	CATGCGTGGG	CATGCCCAGC	CCCCAACGCC
25	117781	ATGTTGGGGA	TTTCGCGGTC	AGAAGCCTGC	ATGTCGTGTG	GTCGGTTCGT	GTCCAACGTG
	117841	CCTCCCCCAC	CCACACACA	GCCGGTCCCC	AGCCCGACCA	CTAGACCGTA	CCTGCGCCC
	117901	AACCGAGGTC	CCCGTGCACA	GACCGCGCCT	TTTATAGCCC	CAGGGGTTGC	TAATTAACGC
	117961	ACGCATGCAG	ACGCAATTTA	TTTTTGCTCC	CCGCGTCCCT	CCCTCCCTTG	CGCACACGTG
30	118021	ATAGGTCTTG	GGAACCCGAG	GGGCGACGCG	GGGAAAGCGC	GCCCCCGCCC	GGCCGCCGCG
	118081	CGCCCCCGCC	CGGCCGCCGC	GCGCCCCCGC	CCGGCCGCCG	CGCGCCCCCG	CCCGGCCGCC
	118141	GCGCGCCCCC	GCCCCGCCGC	CGCGCGCCCC	CGCCCGGCCG	CCGCGCGCCC	CCGCCCGGCC
	118201	GCCCCGCGTC	CGCCGGCGCC	CCCTCCCGGC	GCTTCCGGGG	TCTTTCCTTC	CTTCCCCGCC
	118261	GCGACCCCGA	CCCCGCCCCA	CCGCCCGGCC	CGGCAGGGGG	GCCCCGGCGC	CGCGCAGAAC
	118321	ACACAGACGA	ACACACGGTG	CGCATCTTTT	CTTTACTTCG	GCGGACCAGC	GAGCCCCGGC
35	118381	CCCGGCCCGC	GCCCCGCCGC	CACACCCACG	GCACCCCCCC	CCGCGGCCCA	CCCCGGGGTC
	118441	CACACAGGAG	CGCGCGGGCG	GCAGAAACGC	GGGCGCGGCG	GCGGTGCGGG	TGGGAGTGGT
	118501	GGTGGGGGAC	ACGAAAACAC	ACCCACGACA	CTCTCCCCCC	ACCCCGACCG	CCGCCGCGCC
	118561	CCACCGGCGG	GATCGCGGCG	AGACGCAGCC	GGGCCCCCCC	CCACCACCCG	CCCACCCACC
	118621	TACCCCGCGC	CCGCAGCCTC	CGGCAGCACG	CCGACCACCG	CCGCCACCCC	CCAAACAGCC
40	118681	AAGGCGCGGT	GGGGGGCGTG	GTGGTGAACG	ATGGGGGGAA	CACGGGGGGG	AGGGGTCCGG
	118741	GGCGAGGCGG	GCGGGCGAAG	GAAGGGGGGG	TGGTGGCGGC	GGCGGTGGAA	AGCGGAAAAA
	118801	CGGAGGATGG	AAGGGCAGAA	GATGGGGAGT	CCCGATCCTC	CTCCTGCATC	CCCTCGCCTT
	118861	CCATTCTCCG	GCCCTCCGCG	AGTCCCGACG	CCCCCCCCCC	GCCGCCCGAC	GAAGGAGACC
	118921	CAAGCACCGC	AGCCGGAGAG	CGCGAGCGGG	GAGTGGGCGG	CCGGGCGGGA	GGATGGCGGA
45	118981	GAGAGAGAGA	GAGAGAGAGA	GAGGGGGGGG	GGGGGAGAGG	GAAAGCAACG	GGAAAGAGAG
	119041	GCGCGCGGAA	AAGCAGCAAG	AGGGGGGACG	GGGCGAGCCG	GGCAGAGTGC	GGAGCCCCCG
	119101	GAGCCCGCGG	CCGCAGCCGA	GCAGCGCCGC	GGGCTCCGGG	GCCGGGCGCG	GCCGGCAACG
	119161	CCCCGCGCCG	GCCGCGGCGG	AGAGAACCCC	TGTGTCAATTG	TTTACGTGGC	CGCGGGCCAG
	119221	CAGACGGGCC	GCGGGCCAGC	AGACGGGGCC	CGGCGCCAGC	GGCCACGCCC	TCCCGCCGCA
50	119281	TTAGGCCCCC	GCGGGCATCC	GGCGGCGCGG	CCCACGCCCT	TCCATTAAAC	ACTCCACGCT
	119341	TGGGGGGGGG	CGCGCCAGCT	GAGTGCTCTG	CGGTTGCGGG	CGCCGTGCCC	GGAGATCCAT
	119401	TAGACCGCCG	GAGAGCCCGA	GCCCCGCCCG	CGTGTGCTTG	TGGGCATTTC	TGCTGCGTCA
	119461	TCCCTGTCTT	TATAAAACCG	GGGGCGCGGC	AGCAACGAAC	GCAGGGGGCC	GCCGCCGATC
	119521	GAGAGGGACT	CCGGAGAAGG	AAGGCTGCTC	CGCGCACCCG	CGCGCCCTTC	TCCTCTCCCC
55	119581	TCCCTACCTC	CCCCTCTCTT	CCCCCTTTTT	TCCCCCGCCT	CCCGTCTTCT	TCCGCGCCTC
	119641	CGAGGGTCCG	CCTCTTGCCCT	CGGGGACCCC	CGGGCGGGCC	GGGGCTTGGC	CGCCGAGGTG
	119701	CGCCCCGGCC	GGAGGGGGCC	CCGCACCTCG	GCGGGCCGCC	CCTCCGGCGC	CGCGCGTTCC
	119761	CGAAAGGCGC	GAAAGGGGCC	CCCGGAGGCT	TTTTTTCGATT	CCCGGCCGGG	GGTCCCGGGT
	119821	AGCCGCCCGG	CGCCGGGCGG	AAGGCGTCCC	CCGCCCGCGC	GTCCGGCCCC	GGCCCCCGGC

	119881	GGAGCGCGGG	GGCCCCGGGG	CCCCGGGCGG	CGCCGGCGGC	GTTTCCGCGT	TCCGTTTCTT
	119941	CTCCCTCCCG	GGCCGCCCCG	CTCCCGGGCC	CGACCCTCGC	CCCTTCCCTT	CTCCTCGTCT
	120001	TCCCCCGTCC	CGCCGCGCCC	CTTCCCTCTT	CCTTCTCTCT	CTCTGTCTCG	CTCTCCTCAC
5	120061	ATTTCCCCCC	CCCCCCCCCG	CCGCCGCCGC	CCTTTGCCCG	CGTCCCACCG	AGACGCCGCG
	120121	CCGCGTGAGC	CGTCCGCCGG	GGGACCCAGG	CTCCGGGGGG	GGGGGGCGCC	TGCGTGTGTC
	120181	TCGTGTGAGA	GAGCGCGCCC	CTCGAACGCC	GCGCGTTCTC	GCAGGTAGGT	TTAGGGTCGT
	120241	ACAGGTGAGC	TTCTGCTGAG	GCGGCGGGGA	GAGGGGGGGG	GGCGGGCGCG	AAGAGAGAAG
	120301	AGAGCAGGGG	TTGGGGGAGA	ACTGTTCTTC	CTCCCCCTTT	CAAGAAACAC	GAGCGGGGGG
	120361	TCCCAGAAAG	GGCAGGCAGG	TCAGCCGCAC	CGCCCGCGAG	CCAACCCGTA	TCCTTTTTTTT
10	120421	CTAGGTGTTT	TTGTTTTTGT	TTCTGTTTTT	GTTTGTTTTG	TTATTATTTT	CGCGGATCCG
	120481	GCGTGTTCGG	ATCCACCCCC	CCTTCTCTCT	TCCTCTTCCC	TTCCACCCAC	CCCCGTTTCC
	120541	CCCCCCCCCG	TCGTGCTTCC	CGGGGGGGCA	GGCGCGGGTC	GGGCCCCGTAC	GCCCACCGCC
	120601	CCCACGCGCC	GGTCACCCCC	CCCCAACAAAC	CCCAAAGGCG	CGTGCCCCGG	CACAGCCGTG
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15	120721	GTGGCGGAAG	GAAACGGGCG	GGGGGCCGGG	GCCGCTAGGG	AAAGGTAGGC	ACGCGCGCGG
	120781	TGTGTCGACT	TGCATGCCCC	GCAAAACGCG	TCGTGTCTGT	TTGTGTCTGT	GTGGGCCGTG
	120841	TTGTGTTGGG	CCGTGTGGTG	TGGTGTGGTG	TTGCGAACGC	GCGAGCCCCG	TCGCCCCGAT
	120901	GGGAGTCTCC	CCGCAGCCAG	GGTAAGGAGG	GGCGGGCGTG	GCGGGCAGGT	GTGCGGGCGG
	120961	GGTGGGGTGA	GTGCGGTTGC	ATGCCCTCGG	TCTCCTCTTC	CTGCTCCTCC	TCCTTTCTCC
20	121021	CAGCCAGGGT	GAGGAGGGGC	GGGCGTGGCG	GGCAGGTGTG	CGGGCGGGGT	GGGCGCCGGG
	121081	GCGGGGGTGG	GCACGGGCGT	AAGTGCGGGT	GCATGCCTCG	GGTCTTCTCT	TCTCCCTCCT
	121141	CCTTCCCTCC	ACCCGTCCCC	GGGGGCAGAG	GGCGTGCATG	CGTTGTGATT	CAACCGCCCT
	121201	CGCCCCCGCC	CCACTTTCCC	CCCTCTCTAT	CAAAGTTCCC	TGGCCCCCTG	CTTCGCGCCG
	121261	GTGGTGCGGC	TGACCCCCCG	CCTCTCTCCT	CCCCGAGCCA	GGCGCCCTCC	CACTCTTGCC
25	121321	CACCACCCCC	AGGGTCTGGC	CGGCCAGACG	TGCGTGCTCT	GCACGATCCG	GCCCCCTCC
	121381	CTGTCAACAC	GGACACACTC	TTTTTTTACC	GCCAGCCAG	CCCCCCCCAC	CACCAAGACA
	121441	GGGAGCCAGA	ACGAGGCCGG	GCCCCGGCTC	TGTTCTATGA	TAAAGACCAA	CAGGCCTCGG
	121501	GGGTGGGGGC	GGCTTCTCGT	GCCCGCCCCC	CCTCCTCCTC	CTCCCTTCCC	CCCCATCCCC
	121561	GGCCCCCCTG	CGCGGGGGAG	CTGCATCAAA	GGCCAACAAC	AAAGTGTGTC	AAAAGCATCA
30	121621	CAAAACTTTA	TTGTAAAAAT	TTTATAAAATA	TAAAGTTTTT	TTTTTCCTCA	AGTTTTCAAC
	121681	AAGGCCAGAA	AGTCCATAAC	AAAATGCTGG	TGTGTGTTGC	TGTTGCGGGC	CGTGTCCGTC
	121741	CCCCCCCCCC	ACTCCCACCC	CCACTTCCTG	TCTCCTCCCC	GTCTTTTCCC	CCCCCACCT
	121801	CCCCCTGCCC	CCGAGGCGCC	TCGGCCGGTG	GTCCGGTGGG	GGGCGGCTTC	CTTCGGGCAG
	121861	CAAGCCGAGT	GTTAGCTCCC	CCTACTCCCC	GTGGCCCGCG	GGGGCCCGCG	CGGCCGCGCG
35	121921	GGGCGCGCCC	TGCTCCCGAG	ACCACGGGTG	GCGCGACCGG	AGGCCGTGGA	AGTCCAGCGC
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	122101	GGGGAGCAGG	GTGCGGCGGC	TCCACGCGGG	GGCCGCGGCC	CGCAGCAGGT	CCGCCACGTT
	122161	CCCCGTCTGG	TCCACGAGGA	CCACGTAGGC	CCCTATGTGG	CCCGTCTCCA	TGTCCAGGAC
40	122221	GGGCAGGCAG	TCCCCCGTGA	CCGTCTTGTT	CACGTAAGGC	GCCAGGGCCA	CGACGCTCGA
	122281	GACCCCCGCG	ATGGGACAGT	AGCGCGTGAG	GCCGGGCGCC	GGGTGCGGGG	CCCCGGGCTC
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	122401	AGCGCGGGGG	CCGAGGGAGG	TTTCTCGTCT	CTCCCCAGCG	CCGACGCTCG	AGCGGACGCT
	122461	CCCACCAGCC	CCGCCCGCAG	AGGAAGAGGC	GGAGGAGGAG	GAGGCGGAGG	AGGAGGAGGC
45	122521	GGAGGAGGAG	GAGGCGGAGG	AGGAGGAGGC	GGAGGAGGAG	GAGGCGGAGG	AGGAGGAGGC
	122581	GGAGGAGGAG	GAGGCGGCGG	CGACCGCGGC	CTGGGACGAC	GGAGACGCCG	ACGGGGGCGC
	122641	GGCGCCCGCG	GACGCCGGGG	CGAGCGGCCC	GTGGCCGCGG	TCGCCCCAGT	CCGAGTCCGG
	122701	GGCCCCGGCG	GGCGCCGCCC	TCTTGGCCCC	CACCCCTTGG	GGGGCGAGGG	GCGAGCGCGG
	122761	GGCGGCGGAG	GAAGAGGCGG	AGGACGAGGC	CGCGGGGCCC	GAGTCCGACC	CGCGCCTCTT
50	122821	CCGGGGGCGG	GCCGCGCGCC	CCTCCGCGGC	GTGGGGGGCG	GCACCGGGGG	TGTTGGTGCC
	122881	CGGGGGGACC	CCGGGTCCTC	CCTCCGCGCC	CGGCCCTCCC	GACCCGCGCG	CGTCGGTTCG
	122941	GCCTGCCCGG	CCCAGACTCT	GTGCTTGGGT	GTGCGTCTGA	GCCTGGGTCA	TGCGCGACCG
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	123061	CGCAGACACC	ACGGGGGCGG	CGGCGGCGCG	GGGCGGACTC	CGGACGCGCG	GGGCGACGGC
55	123121	CGCGCGGGGG	CGCGCGGCGC	GCCCCGACGA	CTGTGGCAGA	CCTCCCCCCC	CGGGGCCCGA
	123181	GGACACCTGT	GCGGAGGAGG	AGGAGACAAA	GGAGAGCGGC	CCGGGGCCCC	CGGGGCGGCG
	123241	CGGAGACGGC	GGGGGAGAGT	CGCTGATGAC	TATGGGGGGC	TCCTGGGCCG	CGCGGGGCTG
	123301	TCTCGCGGGG	GGCGTCTTGC	CCTCCGCGGC	CGCGGCGTCT	TCGCCCACCC	GCCGCGCCTG
	123361	CGCGCGCCCC	CCGCCGGCCG	CAGGGGGAAG	AGAGGCCACT	CTCGGCACGA	CGGCCGCGAC

	123421	GGCAGGGCCG	CCCCCAGACC	CAGATCCCAC	CCCCGCCCCG	AACGGGGGCG	CGCCGCTGCT
	123481	GCTGCTCCGC	GGGGCGCCAG	GGGGCGCCCG	TCGGGTTCGCG	GCGGGCTGGG	AGGTTCCGCG
	123541	GGTCGCCCCC	GCACCGCCGC	CCCCCGCCCG	GGGCGCTCTT	CGGGGGGCGG	GCGGGACGTA
5	123601	GTCCACTGCA	GAGGGAGACA	GAGACGGGAG	CCCCCGGTTA	GTGCCCCGAC	CCCGCCCCGAC
	123661	CCCCGCCCCA	CCCCCGCCCG	ACCCCCGCC	GACCCCCGCC	CGACCCCCGC	CCGACCCCCG
	123721	CCCGACCCCC	GCCCCGACCC	CGCCCCGACC	CCGCCCCGCC	CCCGCCCCGC	CCCCGCCGCG
	123781	CCTCACCGTC	GGCCAGGTCA	TCGTCTCTGT	CGTCCGTGCC	GGGCCACGGG	GGGGTGGGCG
	123841	ACAGGGCGCG	GACCGTGTGT	CCCCCAGCG	ACAGGGAGCG	CGGGGCCGTC	CGCGGTTTGC
	123901	CCGTCCAGAT	AAAGTCCACG	GCCGTGCCGG	CCCGCACGGC	CGCCTCGGCC	TCCACGCGGG
10	123961	TCCGGGGGTC	GTTCCTATC	GGGATGGTGC	TGAACGACCC	GCTGGCGGTC	ACGCCACTA
	124021	TCAGGTACGC	CACCGGGGTG	TTGCACAGGG	GACACGTGTT	GCGCAACGGA	ATCCAGGTCT
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15	124261	GCTCGGCCGG	GGGCGGGGCC	GGGGGCGTGG	CCGCGTCCAT	CAGGCGCGCC	TCGAACATCT
	124321	CCGTGTCCGT	GCTGCCCGCC	TCGGAGGTGG	AGTCGCGGTG	AAGGTCGTCG	TCAGAGATTTC
	124381	CCACCTCGGT	CTCTCTCTCC	GAGTCGCTGC	TGGCGAGCCA	CTGCATGTGC	TTGAGCATCC
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20	124561	GCCCCGCTGCT	TTTTGTTCGG	AAGGGGGGGA	GAAAGGGGTC	CGTAACCAAA	GGTGGTCTGC
	124621	GTCTTTTGA	TTCCGACCCC	TCGTCTCCCC	CCCTGTCCCC	CGCTCTCGGG	CTCCTCCCTG
	124681	CCTCCCTCGC	CCCCCAGAG	GGTCGGGGGG	CGGCGCACGG	CCCACGGGGG	TCCCCCGACC
	124741	GCTTAAGCGG	GCCGGGGGTC	GGCCCCGTCA	AGCGTCCCCG	CCCCCGAGCC	CACCGCCCCG
	124801	GACCAACCCC	AACCCGACGC	CGGGTGGTCC	GGGGAAAAGG	GGGGCCCTGA	GACCCGGGGG
25	124861	TCCCTCTCTC	ACCGTGCCGG	GGGTCTGCCG	CGGCGGCCGC	TCGGGGCCGG	GGTCCGCCCG
	124921	GGAGCTCGTG	CCGGGCCGGG	GTTCCATGAG	CCGGGGTAGG	GTAGACTCGA	GACGGCGGCC
	124981	CGCGGTCTCT	CTCTTGCCGG	GTTTTAGTCT	CTGTCTCTCC	GGGTCTCTCT	CTCCCGCCGG
	125041	GCCGCCGCTC	CGTCGCTCGC	AGTGCCGGGG	TGCGAATGCG	GCCCCACCGT	CACACGGGGC
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30	125161	AGCCGCGCGC	CCCGGCCGGG	GCGGAGGGAG	GGAATCCCCC	CCTCTCGGGG	CGGCCCCGTC
	125221	CCCGGGGACC	AACCGGGTGT	ACTCCAAGAA	CCCCATTAGC	ATGCGCCGCC	CCCCGCCGAC
	125281	GCAGATGGGA	GTCCCCCCGG	CGCCCCCGCC	GCGCGGCCCT	GAGTGGTGCC	CGCCCCCGGG
	125341	GAAAAATTCA	TTAGCATACT	AGGAAGCCCA	GGGGACCAAT	AGGGCCGAT	CAGCCCAACC
	125401	ACCCGCGCGC	GCGCGAGGCT	CTGCGTGTTC	TGCCAAGAAA	GTAATCAGCA	TAACCCGGAA
35	125461	CCCCGAGGGA	GTAATTACGC	GGGGAGCGAG	GGGCCGTCCG	AACGTTTTTA	ATTACCATAA
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	125581	AAAGTTGCTA	ATTACCATGC	GCGGGGATGG	CGGCCGGGAC	CGCCTATTAA	AAGTTTCTAA
	125641	TTACCATACC	GGGAAGCCGG	CGCGGGGCGG	TCGCCGGGGC	GGAGTCCGGG	CCCGCGCGGC
	125701	GGCGCGCGGT	TGGCCGGCGC	CGCCCCCTGG	GGCGGGCGGA	GCGGCGGGGC	GGCGCCGGGC
40	125761	CCTCGCGGAT	ATATACGCGG	GGCTCCCATC	GTCTCTTCGG	AGAGCGGCCT	CGCGCAGACC
	125821	TTCGGAGCTC	CGGGGCTCCG	CGGGCCGAGG	CCGCCCTCGC	CGGTTCAACC	CTAGCCGCC
	125881	CGACGGCCCG	GGCCCGCGGC	GCGGGAGGAC	CCGCGCGCCG	CCGCTCCGCG	CTGCTCCTCC
	125941	TCCGCGGGTC	CGCCGTCTTC	GTGGGCCCGG	GCTCGGGCTC	GGGCCCGAGC	TCGGGCCTCG
	126001	GGCTCCAGGC	ACGGTCCGAT	GACCGCCTCG	GCCGCGGCCA	CGCGGCGCCG	GAACCGGTCT
45	126061	CGGTCGGCCC	GCTCGCGCGC	CCAGGACCCC	CGTCGGGCCA	GGCGCGCGGC	CGTCTCCAG
	126121	GCCACCAGAT	GGCGCACCTG	CACGCGCGGC	GAGAAGCACA	CCTGCGGGCG	GGGAGACACG
	126181	GGGGTCGGAG	GGGCGTCAGG	GGGTCTGGAG	GGCGTCAGGG	GGTCTGGAGG	GCGTCAGGGG
	126241	GTCTGGAGGG	CGTCAGGGGG	TCGGAGGGGC	GTCTAGGGGT	CGGAGGGGCG	TCAGGGGGTC
	126301	GGAGGGGAGG	CGTACCTTCC	CGCGCGGGCG	GTCCGCGGGC	GGGGACGCGG	GGGGCCGCGG
50	126361	CCGGCGCAGG	CTCAGGCGCG	CCAGGTACTC	CGTCGTGGTG	CGCAGCCGTA	GCGCCAGGTG
	126421	GGGCGGAAGG	GGGCGCTGCG	GCCCGCGCTC	CTTGCGCGGC	GGCGCGGGG	GGCAGGCGGC
	126481	GGCAGGCGCG	GCGTGCGGGG	CCTCCGGGCG	CTTCCCCCGG	CCCTCGCTCG	GGGGGCTGTT
	126541	CGCCCACTCT	GCGTCGTCTG	TGCCGGCGTA	GTCCGCGTCG	TCGTGTCTGT	CCGCCTGGGG
	126601	CACCAGCAGC	CAGCGCCGCA	GGAGCGAGGA	CGCGGCCGGC	GCGCTCTCGA	CCGCGGTTCC
55	126661	CGAGTCGTAC	GCAGGGACCA	TTTGGGAGTC	TGCGGTTGGG	AGCGCGCCCG	GGCGCGGCAC
	126721	GGCTGGAGCG	CCGGGGCGCG	GCACGGCTGG	AGCGCCGGGG	CGCGGCCGGC	GCCGGGGACC
	126781	CCGGCGGCGG	GGACCCCGGC	GGCGGGACAT	GGCGGGCGGC	TGGGCTCGGC	GTAGGCCCGG
	126841	AGCCGGAGCG	CGTCGGGGCG	GGAGAGTTCA	CTCGGCACGC	ATGCACGTGT	AACCGCCAGT
	126901	CCGTGCTTGC	CTAGCGAACT	CACCCGTCCC	GGCTGGCGTG	CGCAGCCCGG	GCCGTGTTGC

	126961	GGGCCCTCTT	AAGGGGCGGC	GGCAGGACGG	GGACTCCCGC	CCCGCCTCTT	TTCCCCCGGG
	127021	GAGTCAACCC	CCGGGGGGGG	TGTTTTTTTG	GGGGGGGGCG	GAAGGCGGGC	GGCGGCGGCG
	127081	GGCGGGCGGC	AGGGCAGCCC	CGCGCGCCCC	CTTCCCCGTC	CCTCCCCCGG	AGCCGGCCGC
5	127141	TCCCCCGCGG	GCGCCGCCCC	TCCCCCGCGG	CGCCGCGGGG	CTGCCTTCCC	GCGGGCGCCC
	127201	CCGCGCGGCT	TTTTTCCCGC	GCCCGCCCCC	GCGCGGCAGG	ACGGGGACTA	GCAGGCTGTG
	127261	CCGCAGACCA	CCACACACTC	CCAAGCTCCC	CGCCCCCCCC	AAGACGCCAG	TCGCACCACC
	127321	GCTCGCCCTC	GCAGACCAGA	CAGTTGCACC	AAGCACCCGC	CCGCCCCGAC	ACGGTTCCCC
	127381	GCCACCCCTC	CCCTCCCTC	CATCCCCCGG	AGCTCGCGGC	AGCCCCCTCC	CCCCGCGCGC
	127441	CACGGGGCTG	CGGTCCCGCG	GCCGCCTCCC	ACGCGGCCGC	CTCCCCCGCG	CCCCGCCCCG
10	127501	GGGGCTTCCC	CCGCCCCCTC	CCCCGCGCCC	GCGGCCCGGA	GCTCGCAGCA	GCCCCCTCCT
	127561	CCCGCGCCCC	GTGCCTTCCC	TCCCGCTCCT	GCGGGGGGGC	TCGGGCCACC	TGACCTTTCGT
	127621	AACCTGCACT	CAGGTCAGAG	CCCCAGACCC	CCCGCGGGCG	CGGGAGACGT	GCCGCCCGCC
	127681	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC
	127741	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC
15	127801	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC
	127861	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC	CGACCCCCGC	CCGCCCCGAC	CCCGCCCCGC
	127921	CCACACAAGG	CGGTACGTTT	TGCTCTGTCT	CGTTCTTTAT	TTCTCACACA	CGCGCGCGGC
	127981	CATCGCCGCG	TCTGTCTTAA	AGGCGCACAG	ACGCCCCGAT	CCTTCCCCCT	CTCCCCATCT
20	128041	CCCCCTTCCC	CCGCTCCCGG	AAGTTTCCCC	CCCCGTCACT	CCCCAAACAG	TCCGTCGTCG
	128101	TCGTCTTCCA	GCTCCGCGTC	CATGTCCACG	GGCTCGCGCC	TCGGCGGCGT	GGCCAGCCCC
	128161	GCGGCGGTCC	CCACCACCTC	CACGCCGCGG	CCCGCCGCGG	CCAGCACCGT	CCCCGCGCGG
	128221	CCCGCGGCCG	ACGCCAGCG	TATCTGCGGG	GGCGGGCCCC	CGTCCGCGTC	GTCGCGCAGC
	128281	ACCAGCGGGG	GCGCGTCGCC	GTCGGGCTCG	AGCAGCGCCC	GCGCGCAGAA	CTCCCCCGCG
	128341	GGCCCGCGCA	GCTCCGCGCG	GCCCGCGCGC	ACGGCGTCGC	GCCCCAGCGC	CACGTAGACG
25	128401	GGCCCGCGCG	GCGCGCCAGC	CGCCACGCGC	GCGCAGGCGC	GGTTCGAGTG	CGCTTCGTCC
	128461	TCGCAGAAAGT	CCGGCGCGCC	GGGCGCCATG	GCGTCGCCCC	GCCCCGAGGC	GCGGGCCCCG
	128521	CCGTCCAGCG	CCGGGAGCAC	GGCGCGGCGG	TACTCGCGCG	GGGACATGGG	CACCAGCGTG
	128581	TCGGGGCCGA	AGCGCGTGCG	CACGCGGTAC	CGCACGTTGG	CCCCGCGGCA	GAGGCGCAGC
	128641	GGCGGCGCGT	CGGGGTACAG	GCGCGCGTGC	GCGGCCTCCA	CGCGCGCGAA	GACCCCCGGC
30	128701	CCGAACACGC	GGCCGGAGGC	CAGCACGGTG	CGGCGCAGGT	CCCGCGCCGC	CGGCCAGCGC
	128761	ACGGCGCACT	GCACGGCGGG	CAGCACCTCG	CAGGCCAGGT	AGGCGTGCTG	CCGCGAGACC
	128821	ACGGGCCCCG	CGGCGGGCCA	GTCCGCGGCG	CGCACGGCGT	TGACGACGAT	GAGGCGGCGG
	128881	TCGAGGCGC	CGGCCAGCAG	CCCCAGGAAC	TCCACGGCGC	CGGCGAAGGC	CAGGTCCCCG
	128941	GTGGACAGCA	GCAGCACGCC	CTGCGCGCCC	AGCGCCGAGA	CGTCGGGGGC	GCCGGTCCAG
35	129001	TTGCCCGCCC	AGGCGGCGGT	GGCGGGCCCC	CAGAGCCGGT	TGCCCAGGGC	CGCCAGCAGG
	129061	CAGGACAGCC	CGCCGCGCTC	GGCGGACCAC	TCCGGGGGGG	GCCCCCCCCC	GGCGCGGCCC
	129121	GCGGCCAGGT	CCTCGCCCCG	CAGCGGCGAG	TAGAGGATCA	CCACGCGCAC	GTCTTCCGGG
	129181	TCGGGCACCT	GGCGCATCCA	GGCCGCGCGG	CGGCGCAGCG	GGCCCGAGGC	GCGCAGCGGG
	129241	CCGAAGGCGG	CGGGCGCGCC	GCCGGGGGGG	GGGGCGGCGC	AGCGCGCGGC	CAGCGAGGCC
40	129301	AGCGCGCGCG	GGTCGAACAT	GAGGGCCGGG	CGCCACGGCG	CGGGGAAGAG	CGGGTGGTCC
	129361	GTGAGCTCGG	CCACGGCCCC	CGGGGCGCAG	TAGGCCTCCA	GGGCGGCGGC	CGAGGGCGCC
	129421	GGCGTGTTGG	TGGGCCCGCG	CGGCTGGCGG	CGCCAGCCGC	CCTGCGGGTC	GGGGCCCTCG
	129481	GCGGGCCGCG	GGTTCAGCGC	CGCGGGGCGC	GGCGGCCGCG	GCGCGGCGGT	GCGGGGGCGG
45	129541	GGGGGCGCGG	CCCCCGCGGG	AGGGGCGGCC	GCGGGGCGGG	GGGCGTCCGC	GCGGCTCTTC
	129601	TTCGGGGGGG	GCGGGGCGCC	GCCCGGCGGC	GCCCTGGCCG	GGGCGGGGCT	CTTGCGCTTG
	129661	CGCGCCTCCC	GCGGCGCGGA	GGCGGGCGCG	GCGAGCGAGT	CGGCGCGGCG	GACGGTGTCT
	129721	GCCAGCAGGG	GGCGCAGGCT	CTGGTTCTGG	AAGAGCAGGT	CCGCGGCGGC	GGCGGCGGCG
	129781	GAGCTCAGCA	GGCGCGGGCT	CCGCGGCGAG	GCCGGGCCCA	GGGCCCCGGC	GACCAGGCTC
	129841	ACGGCGCGCA	CGGCGGCCAC	GGCGGCCTCG	CTGCCGCGCG	CCACGCGCAG	GTCCCCGCGC
50	129901	AGGCGCATCA	GCACCAGCGC	GTGCGGCACG	AACCGCAGCT	CGCGCAGCCA	GGCGCGCAGG
	129961	CGGGGCGCGT	CGGCGTGCGG	CGGGGCGGCC	GCGCCCCGCG	GCCCCGGGCG	CGGGGGCGCG
	130021	GCGGGCCGGG	CTCCGGCCAG	CCCCGCGACG	GCCGCCAGGT	CGCCGTCGAA	GCCCTCCGCC
	130081	AGCGCCTCCA	GGATCCCGCG	GCAGGCGGCC	AGGCACTCCA	CGGCCACGCG	GCCCCGCTCC
	130141	GCGCGCCGGC	CGCCGCCACC	ACCGCCGGCG	CCGTCTGTCG	CGTCTGTCGC	GTCGGCCCCG
55	130201	GCCGGCGCGG	AGGCGGGCGC	GGCGCTCAGG	CGCCCCAGGG	CGGCGAGCAC	CCCCGCGGCG
	130261	CCGTAGCCGG	CGGGCACCGC	GCGCTCGTCG	GCCGGCGACG	CCGCCGCCGA	CGGCAACGGG
	130321	GCGGCGGCGG	CGGCGGGCTT	CCCGCGGGCG	TCGTGCGCGT	CGTGGCGGTT	GGCGTCGCGG
	130381	CCGTCTGTCG	GGGTTTCGCG	CCCGGTCAGC	GCCGCGTTCT	CGCGCGCCAG	CAGGGGCGCG
	130441	TAGGCGCGGC	GCAGGCTGGT	CAGCAGGAAG	CCCTTCTGCG	GCGGTCGTA	GCGGCGGCTC

	130501	ATGGCCACGG	CGGCCGCCAC	GTGCGCCAGG	CCCCAGCCGA	AGCGGCCCCG	CGCCATGGCG
	130561	TACCCCAGGT	GGGGCACGGC	CCGCGCCACG	CTGCCCGGAGA	TGAAGGAGCT	GCTGTTGCGC
	130621	GCCGCGCCCG	AGATCCGGAA	GCAGGCCTGG	TCCAGCGCCA	CGTCCCCGGG	CGCCACGCGC
5	130681	GGGTTCTGGA	GCCACCCCAT	CGCCTCCGCG	TCCGGCGTGT	ACAGCAGCCG	CGTGATCAGG
	130741	GCGTACTGCT	GCGCCGCGTC	GCCCAGCTCG	GGCGCCACAA	CGGGCGCCGG	GGCGCCCGAG
	130801	GCCTCGAACC	GGGCCCCGCG	CTCCTCCGCC	TCGGGCGCCC	CCCAGAGGCC	GGGGCGGCTG
	130861	TCGCCCAGCC	CGCCGTACAG	CACGCGCCCC	GGGGGCGGGG	GGCCGCCCCC	GGCCACGGC
	130921	TCCCCGCTGA	CGTACCCGTC	GCGGTAGCGC	GCGTAGAAGG	CGCCGGAGGC	CGCGTCGGCG
	130981	TCCAGCTCGA	CCCGCCGGGG	CCGCCCGGCC	GTGAAGCGGC	CCGTGGCGTC	GCGGCCGGCC
10	131041	ACCGCCGCGC	GGGCCCCGGG	GCGCTCCAGG	CGGCCCGCGG	TCGCCGCGGG	GGTCCGGGCC
	131101	GGGGCGGGCT	CGGCCCTGGG	CGGGCTCGGC	CGGGGCGCCG	CCCCCGGGGC	CCTCGCGGGC
	131161	ACCCCCGCCT	CCTCGTTCGT	CGCGCCGAGG	GTCCCCGCCG	CGGCGTGGTC	TGCGGCGCTG
	131221	GCGGGGGCGC	GGGCGGCGTC	GTGCTCGTCC	TCGTCTGTAG	ACGAGGAGGC	GGATGCAGAC
	131281	GAGGAGGAGG	AGGCGGAGGA	GGAGGCGGAG	GACGCCGACG	ACGAGGATCC	GGATTTTGAT
15	131341	GAGTCAGAGG	CGGCCGAGCG	CCGGCGGGGG	GCGCGCCGGC	GGCGGTGGTG	GTGGTGGTGG
	131401	TGGTGTCCGC	GGGGCGCCGG	GGGTGCGCGC	GACAGGCTGG	CCATGGGGTC	CGGGTACGCC
	131461	CCGCGGACCG	CGGACGTCGT	CTCCGGTCCG	CGGACCCAGC	GGCCCCGCGC	GCGGTCGTCG
	131521	TCATCGTTCG	CGTCTGTCGT	GTGCTCGTTC	TCCTCGCCAT	AATCGGCGCG	CATGGAGGGG
	131581	GTCCGCGGCG	GAGAAGGCGA	GCGGGCCGCT	TCTTCTTGCG	CGCCGTGCGC	CTCCGGGGGG
20	131641	GGCGACGGGA	TCGTGCGAAC	GGCCTCGTCC	ACCATCGAGG	CCAGCAGGGC	CAGCTGCCGC
	131701	GGCGAGACGA	CGCCGTCCGC	GGCAGGCTCG	TCGACGGCCT	CCCCGGACGC	CGGGGCCGCC
	131761	TCGTCCGCAT	CGGCATCGGC	GGCGGCGTCG	TCGGCCTCGT	CTTCTGTTCT	CTCCGGCCCA
	131821	CCGTGCCACC	CGAACCCGGG	CCGCGCGGCG	GGGCGACGGT	CCGGGTTCCG	GGTGGGCGGC
	131881	GGTCCGTCGG	CTGGATCCGG	AGATCCGGGG	CCGCGCGTCG	TCTCCGCCGC	GGCCCGGAGA
25	131941	CTCCCCCGT	CCTCGTCCGC	CATCGCGACC	TCGGCCCCGC	GGCCCTGCGT	CGTCTGTCGT
	132001	GTCTTCTTCT	TCTTCCGCTG	CTCCGCCGAC	ATCGCCTCCG	ACCGGGGTGT	GCGGGGGGGG
	132061	GGTCTTCTTC	TTCTTCTTCA	GGGGCGGCAG	TGGGGGGGGG	TGGTTGGCAG	TCTCTCTCCC
	132121	CCCCGTGCGG	TGCGTGCGTG	TGCCTGTGTC	TTTTCGCCTC	TCCGCGCCGA	TCGGGTAGAT
	132181	CCTGGCGGCC	GCGTCGGTAG	CCGCGCTCCG	TGTGGACGAT	CGCCCCGTGC	CCTGGCTGAT
30	132241	ATAGTCCTCG	GGGCGCGCGG	GGCGGGGGGA	AAGGAGGAGG	ACGCGGAGGA	GGAGCGATCG
	132301	ACGCCGCCCG	GCCCCGGCTC	GCCGGGGTTC	CGCCCCCAGG	TGGAACCGCA	TTATGCGCGG
	132361	CCCCGCCCCG	ACGCCCGCGC	GTCCGCGTCC	GTGGCGGCGG	CCCGTTGGTC	GCGCCGCCGC
	132421	CGCTCCGCCC	GCGCGGCATC	TCATTAGCGC	CCGGCGCGGG	CGGCTTCCGC	TTCCGCCCGC
	132481	GATGCTAATG	AGACCCTCGT	CGCGGGCGGG	CTCGCTCCCC	TGCCCTTCCG	GGTTCGTGGT
35	132541	AATGAGATGC	CGGCCCCGCG	CTCCCGTTGG	CCCCCGCCGG	CCCCAAAGGG	GCCGCGCAGG
	132601	TCGCCCCGTT	GGTCCGCGGG	CGGCTCCGCC	CCAAAGGGGG	CGGGGCCGCA	GGGTAAGAAG
	132661	AGTGAGAACG	CGAAGCGTTC	GCACTTCGTC	CTAATAGTAT	ATATATTATT	AGGGCAAAGT
	132721	GCGAGCGCTG	GCGCCCTGCC	CGGGGCCCGC	GTCATCCCGC	GCTCCGCCCC	AAAGGGGGCG
	132781	GGGCCGACAG	GTAAAGAAG	TGAGAACGCG	AAGCGTTCCG	ACTTCGTCCT	AATAGTATAT
40	132841	ATATTATTAG	GGCAAAGTGC	GAGCACTGGC	GCCCTGCCCC	GGGCCCCGCT	CATCCCGCGG
	132901	GCTCCGCCCC	GAGGCGGGCC	CGGACGGGGG	GCGGGCCGTT	CCTCGCGCAC	ATAAAGGGCC
	132961	GGCGTCCCGG	TCGCCGCGCG	ACCAGGGGCA	CACCGGCTGC	GCGGCGGAGA	CCGGGACGGC
	133021	AGCGGCGGCA	TCGCGAAGGG	GGCCACAGCG	AGACAGAGAC	GCCGCGGCGG	AGCGGGGCAC
	133081	CGACGCACCC	GGATCGGATC	GGATACAGAG	ACGCGGGCGC	ATCGGTTCCCT	TTTCGTTCTG
45	133141	CCTTTCCCTC	CCCCCCCCCC	CCCCCACCC	TGTACGTACC	GCGAGGACCC	ATCCACCCAC
	133201	TGCAGCCTTA	TCGCAGGTAC	GGTGACCCGG	GGGGCCGGCC	GGGGGGACGG	GCGGGGGACG
	133261	GGGGGACGGG	CCGGGGGGAC	GGGCCGGGGG	GACGGGCCGG	GGGGACGGGC	CGGGGGGACG
	133321	GGCCGGGGGG	ACGGGGCCGG	GGGACGGGCC	GGGGGGACGG	GCCGGGGGGA	CGGGCCGGGG
	133381	GGCCGGGGGG	CCGGGGGGCC	GGGGGGCCGG	GGGGACGGGG	GGACGGGGGG	ACGGGGGGAC
50	133441	GGGGGGACGG	GGGGACGGGG	GGACGGGGGG	ACGGGGGGAC	GGGGGGACGG	GGGGACGGGG
	133501	GGACGGGGGG	ACGGGGGGGG	GGGGGGACGG	GGGGACGGGG	GGGGGGCCGG	GGGGGGACGG
	133561	GGGACGGGCC	GGGGGGACGG	GGGGACGGGC	CGGGGGGACG	GGGGGACGGG	CCGGGGGGAC
	133621	GGGGGGACGG	GCCGGGGGGA	CGGGGCCCGG	ATCCCAACAT	CCGCGCTTTC	TCGCAGGCCG
	133681	GGCGCCGCCCT	TCGTGGACGG	GACACCGGTG	TGGTAACTGG	CGACAAGGCG	TTGCCACTAT
55	133741	GGCAGACATC	CCCCCGGACC	CGCCCGCGCT	CAACACGACG	CCTGCGAATC	ATGCTCCCCC
	133801	ATCCCCACCC	CCGGGTTTAC	GGAAGCGCAG	ACGCCCCGTC	CTCCCCAGCT	CGTCGGAATC
	133861	TGAGGGTAAG	CCCGACACAG	AATCGGAATC	CTCCTCGACC	GAGTCGTCCG	AGGATGAGGC
	133921	GGGAGACCTA	CGCGGCGGGC	GCCGTGCTTC	CCCGCGGGAG	CTCGGGGGGA	GGTATTTTTT
	133981	GGATCTGTCT	GCAGAATCGA	CCACGGGGAC	GGAATCGGAG	GGAACGGGGC	CGTCGGACGA

	134041	CGATGATGAT	GATGCGTCAG	ACGGCTGGTT	GGTTGACACA	CCCCCCGCA	AATCCAAGCG
	134101	ACCCCGAATC	AACCTGCGAT	TAACGAGCTC	CCCCGACCGG	CGTGCGGGTG	TGGTTTTCCC
	134161	CGAGGTGTGG	AGAAGCGACA	GACCTATCCG	CGCGGCGCAA	CCCCAGGCCC	CGGCCAGTCT
5	134221	TCCGGGGATC	GCGCACGCGC	ACGGGCGCTC	TGCTCGCCAG	GCCCAGATGC	GGAGCGGAGC
	134281	CGCCTGGACG	CTTGATCTGC	ATTACATACG	CCAGTGCGTC	AACCAGCTCT	TTCGGATCCT
	134341	GCGTGCCGCC	CCGAACCCGC	CCGGCAGCGC	CAACCGCCTG	CGCCACCTGG	TGCGAGACTG
	134401	CTACCTCATG	GGCTACTGCC	GGACCCGCC	GCGGCGCGC	ACGTGGGGCG	GCCTGCTGCA
	134461	GATCTCGGGC	GGAACCTGGG	ACGTGCGCCT	GCGAAACGCA	ATCCGGGAGG	TCGAGGCGCA
	134521	TTTTGAACCC	GCCGCCGAGC	CCGTGTGCGA	GCTGCCCTGT	CTGAACGCCA	GGCGTTACGG
10	134581	CCCCGAGTGT	GATGTTGGCA	ATCTCGAGAC	CAACGGCGGC	TCGACGAGCG	ATGATGAGAT
	134641	ATCGGATGCG	ACGGAATCGG	ACGATAACCT	CGCGTCCCAT	TCCGACACGG	AGGGGGGGCC
	134701	CTCCCCGGCC	GGCCGGGAGA	ACCCGGAATC	CGCGTCCGGC	GGGGCTATCG	CGGCTCGGCT
	134761	GGAGTGTGAG	TTTGGGACGT	TTGACTGGAC	GTCCGAGGAG	GGCTCCCAGC	CCTGGCTGTC
	134821	CGCGGTGGTC	GCCGATACCA	GCTCCGCCGA	ACGCTCTGGC	CTACCCGCCC	CGGGCGCGTG
15	134881	TCGCGCAACG	GAAGCCCCAG	AACGCGAGGA	CGGGTGCCGA	AAAATGCGCT	TCCCCGCCGC
	134941	CTGCCCCAT	CCCTGCGGCC	ACACATTTCT	CCGGCCATGA	GCGCGGGACC	CCCAGCCCCG
	135001	TGTGTTTGCC	AAACGAAAAA	TAAACGCCCT	ACAAGAAAGC	TTTTGTGTCT	GAGTGTCTGG
	135061	TTTTTCTGGG	GGTGGAGGAA	GGAACGACAA	AAAAAAGAAA	CAAACGCGAC	ACCGCTCGTA
	135121	CGTGTAATGG	GGCCGCAGTG	TTTTTTATTA	GCATCGGGGG	GGGTTAGAGG	TTGGTGATTG
20	135181	GATAGCAAAC	GTGGGATGAC	GGAGGCCACT	CGTCGCCAAC	GGCCAGCGGG	GGCCCGGGGT
	135241	TCTGGGGGTC	ATCGTCCCCC	GTCTGCCAGG	AGGGCTCATC	GGGAATCTCG	GGTCGCCCCA
	135301	TGCACGTAAA	ACACGGGCGC	TGCGTGGGGT	GGGTCGCCGG	ATGCGGGCGG	GATGATGCGG
	135361	GGCGGGGTTT	GTTGTGAGGA	GCCACGAGGG	ACCGTAGCCA	GCGAAGACAG	CTGCGTTCCC
	135421	GGTCGCCGGG	CACCACCACG	CCGTATTGTT	ATTCGTATCG	GCTAAGGAGA	TTTTCCAGGG
25	135481	GGTGATTAGG	CGCTGCGGGG	AACGGGGTCC	ACGACACGGT	CCGCTCGGGC	CCGCTCGGGT
	135541	CGGGCAGGGG	CCACGGTTCC	CCCACCCACG	CGTCGTTGGT	CTTCGTGGCG	ATGAAGCGAA
	135601	ACCCAGCCCG	GGTTTTTTGT	GCGTACTCGA	AAAACGGCAC	ACACAGGTCC	GCCGCCCCGA
	135661	CCACCCACAG	GTGGTATAGC	CGGTGGGGGC	CGGGGCGCTC	TTGATGCAGG	AGCCGAAAAC
	135721	ACGCAGGGGC	ATCCAGAATC	TCGATGCTTT	CCAGGGGGTC	GTCTCCGCA	AACAGGCCCG
30	135781	TCGTGGTGTT	TGGGGGACAG	CGACAGGAGC	GGGTTCGCAC	GATCGGTCCG	GTGAATTTGG
	135841	GCAAGTCCAT	CAGAGGCTCG	GCCAGCCTGC	GAAGGTTCGC	CGGGCGAACC	ACCACCGGGG
	135901	TTCCAGAGAG	CTCGGAGGCC	AGGATCCGGC	ATTGCCGAAG	CAGAAAATC	CACAGAGCCG
	135961	GGCTTTCGTC	AGCGGAAGTC	CGCGGCAGGG	CGTTTCGTTG	GTCTAGGAGG	GTAACACACG
	136021	TTACAACAAC	AACGCCCATG	TCGGTATATT	AGGCCCGTGG	TCCGATCTTC	ACTCACTCGC
35	136081	CTGTCTGCGG	ACCTATGCAC	GGCGGGACGG	CGCGCGGACC	CGGGGGGGCT	GCTTGCTATC
	136141	ACACGGCCCG	TTCGCACGTT	CGATTTTTTT	AGCCTTGTTT	GGTTGGCTAG	GTATCCCGGA
	136201	TAATCTGACG	TTCCGGATAT	AGGGGGCGGG	GGGTAGTGGG	GGGTGTGTCT	ACAAACTGCC
	136261	GCTTCTTAAA	ACACCGGGGC	CCGTGCTCTG	GGGTGCTCGT	TGGTTGGCAC	GCGCGACGCG
	136321	GCAAATGGCC	TGTCGTAAGT	TCTGTGGGGT	CTACCGTAGA	CCCGACAAGA	GACAGGAGGC
40	136381	GTCCGTCCCG	CCGGAGACAA	ACACGGCCCC	GGCCTTCCCG	GCGAGCACCT	TTTATACCCC
	136441	CGCGGAGGAT	GCGTACCTGG	CCCCCGGGCC	CCCGGAAACC	ATCCACCTTT	CCCGCCCACC
	136501	GTCCCCCGGC	GAGGCTGCGC	GCCTGTGTCA	GCTGCAGGAG	ATCTTGCCCC	AGATGACACG
	136561	CGACGAGGAC	TACCCCATCG	TGGACCGCCG	GGGTGCGGAG	GAGGAAGACG	AGGCCGACGA
	136621	TGACGCCCCG	GATGACGTGG	CCTACCCGGA	GGACTACGCG	GAGGGGCGTT	TTCTGTCCAT
45	136681	GGTTTCGGCC	GCCCCCTGCG	CCGGAGCCAG	CGGCCATCCT	CCTGTTCCCG	GCCGCGCAGC
	136741	CCCCCCGAC	GTCCGGACCT	GCGACACGGG	TAAGGTGGGG	GCCACGGGGT	TCACCCCGGA
	136801	AGAGCTCGAC	ACCATGGACC	GGGAGGCAC	TCGGGCCATC	AGCCGCGGGT	GCAAGCCCCC
	136861	TTCGACCTTG	GCAAAACTGG	TGACCGGGCT	GGGATTCGCG	ATCCACGGAG	CGCTCATCCC
	136921	GGGGTCGGAG	GGGTGTGTCT	TTGATAGCAG	CCACCCGAAC	TACCTTCATC	GGGTAATCGT
50	136981	CAAGGCGGGG	TGGTACGCCA	GCACGAGCCA	CGAGGCGCGG	CTGCTGAGAC	GCTTGAACCA
	137041	CCCCCGGATC	CTACCCCTCC	TGGACCTGCA	CGTCGTTTCT	GGGTCACGTT	GCTTGGTCTT
	137101	CCCCAAGTAT	CACTGCGACC	TGTATACCTA	TCTGAGCAAG	CGCCCGTCTC	CGTTGGGCCA
	137161	CCTACAGATA	ACCGCGGTCT	CCCGGCAGCT	CTTGAGCGCC	ATCGACTACG	TCCACTGCAA
	137221	AGGCATCATC	CACCGCGATA	TTAAGACCGA	GAACATCTTC	ATCAACACCC	CCGAGAACAT
55	137281	CTGTCTGGGG	GACTTTGGGG	CGGCGTGCTT	TGTGCGCGGG	TGTCGATCGA	GCCCCCTCCA
	137341	TTACGGGATC	GCAGGCACCA	TCGATACAAA	CGCCCCCGAG	GTCTTGGCCG	GGGATCCGTA
	137401	CACCCAGGTA	ATCGACATCT	GGAGCGCCGG	CCTGGTGATC	TTTGAGACCG	CCGTCCACAC
	137461	CGCGTCCCTG	TTCTCGGCCC	CGCGCGACCC	CGAAAGGCGG	CCGTGCGACA	ACCAGATCGC
	137521	GCGCATCATC	CGACAGGCCC	AGGTACACGT	CGACGAGTTT	CCGACGACAG	CGGAATCGCG

5	137581	CCTCACCGCG	CACTACCGCT	CGCGGGCGGC	CGGGAACAAT	CGTCCGGCGT	GGACCCGACC
	137641	GGCGTGGAAC	CGTACTACA	AGATCCACAC	AGACGTCGAA	TATCTCATAT	GCAAAGCCCT
	137701	TACCTTTGAC	GCGGCGCTCC	GCCCAAGCGC	CGCGGAGTTG	CTGCGCCTGC	CGCTATTTCA
	137761	CCCTAAGTGA	CCCCGCTCCC	CCCGGGGGGC	GTGGAGGGGG	GGGCTGGTTG	GATGTTTTTG
	137821	CACAAAAAGA	CGCGGCCCTC	GGGCTTTGGT	GTTTTTGGA	CCTTGCCGCG	CGGCGTCATG
10	137881	CACGCGATCG	CTCCAGGTT	GCTTCTTCT	TTGTTCTTT	CTGGTCTTCC	GGGGACACGC
	137941	GGCGGGTCGG	GTGTCCCGG	ACCAATTAAT	CCCCCAACA	CGGCTGTTGT	TTTCCCGGGA
	138001	GGTTCCCCCG	TGGCTCAATA	TTGTTATGCC	TATCCCCGGT	TGGACGATCC	CGGGCCCTTG
	138061	GGTTCCGCGG	ACGCCGGGCG	GCAAGACCTG	CCCCGGCGCG	TCGTCCGTCA	CGAGCCCCTG
	138121	GGCCGCTCGT	TCCTCACGGG	GGGGCTGGTT	TTGCTGGCGC	CGCCGGTACG	CGGATTTGGC
15	138181	GCACCCAACG	CAACGTATGC	GGCCCGTG TG	ACGTACTACC	GGCTCACCCG	CGCCTGCCGT
	138241	CAGCCCATCC	TCCTTCGGCA	GTATGGAGGG	TGTCGCGGCG	GCGAGCCGCC	GTCCCCAAAG
	138301	ACGTGCGGGT	CGTACACGTA	CACGTACCAG	GGCGGCGGGC	CTCCGACCCG	GTACGCTCTC
	138361	GTAATGCTT	CCCTGCTGGT	GCCGATCTGG	GACCGCGCCG	CGGAGACATT	CGAGTACCAG
	138421	ATCGAACTCG	CGCGCGAGCT	GCACGTGGGT	CTGTTGTGGG	TAGAGGTGGG	CGGGAGGGGC
20	138481	CCCGGCCCCA	CGCCCCCCCC	ACAGGCGGCG	CGTGCGGAGG	GCGGCCGCTG	CGTCCCCCCG
	138541	GTCCCCGCGG	GCCGCCCGTG	GCGCTCGGTG	CCCCCGGTAT	GGTATTCCGC	CCCCAACCCC
	138601	GGGTTTCTGT	GCCTGCGTTT	CCGGGAGCGC	TGTTCTGCCC	CACAGACGCC	CGCCGCCCCC
	138661	AGCGACCTAC	CACGCGTCGC	TTTTGCTCCC	CAGAGCCTGC	TGGTGGGGAT	TACGGGCCGC
	138721	ACGTTTATTC	GGATGGCACG	ACCCACGGAA	GACGTCGGGG	TCCTGCCGCC	CCATTGGGCC
25	138781	CCCGGGGCCC	TAGATGACGG	TCCGTACGCC	CCCTTCCAC	CCCGCCCGCG	GTTTCGACGC
	138841	GCCCTGCGGA	CAGACCCCGA	GGGGGTGCGC	CCCGACGTTT	GGGCCCCCCG	AACCGGGCGG
	138901	CGCTGTCATG	CCTTGACCGA	GGACGCGTCC	TCCGATTTCG	CTACGTCGCG	TCCGGAGAAG
	138961	ACGCCCCCTC	CTGTGTCGGC	CACCGCCATG	GCACCTTCAG	TCGACCCAAG	CGCGGAACCG
	139021	ACCGCCCCCG	CAACCACTAC	TCCCCCCGAC	GAGATGGCCA	CACAAGCCGC	AACGGTCGCC
30	139081	GTTACGCCGG	AGGAAACGGC	AGTCGCCTCC	CCGCCGCGGA	CTGCATCCGT	GGAGTCGTGC
	139141	CCACTCCCCG	CCGCGGCGGC	GGCAACGCCC	GGGGCCGGGC	ACACGAACAC	CAGCAGCGCC
	139201	TCCGCAGCGA	AAACGCCCCC	CACCACACCA	GCCCCACGA	CCCCCCCGCC	CACGTCTACC
	139261	CACGCGACCC	CCCGCCCCAC	GACTCCGGGG	CCCCAAACAA	CCCCTCCCGG	ACCCGCAACC
	139321	CCGGGTCCGG	TGGGCGCCTC	CGCCGCGCCC	ACGGCCGATT	CCCCCCTCAC	CGCCTCGCCC
35	139381	CCCGCTACCG	CGCCGGGGCG	CTCGGCCGCG	AACGTTTCGG	TCGCCGCGAC	CACCGCCACC
	139441	CCCGTAACCC	GGGCGACCGC	CCGTACCCCC	CCAACGGACC	CAAAGACGCA	CCCACACGGA
	139501	CCCGCGGACG	CTCCCCCGCG	CTCGCCAGCC	CCCCACCCC	CCGAACATCG	CGGCGGACCC
	139561	GAGGAGTTTG	AGGGCGCCGG	GGACGGCGAA	CCCCCGAGG	ACGACGACAG	CGCCACCGGC
	139621	CTCGCCTTCC	GAACTCCGAA	CCCCAACAAA	CCACCCCCCG	CGCGCCCCGG	GCCCATCCGC
40	139681	CCCACGCTCC	CGCCAGGAAT	TCTTGGGCCG	CTCGCCCCCA	ACACGCCTCG	CCCCCCCCGC
	139741	CAAGCTCCCG	CTAAGGACAT	GCCCTCGGGC	CCCACACCCC	AACACATCCC	CCTGTTCTGG
	139801	TTCTTAACGG	CCTCCCCTGC	TCTAGATATC	CTCTTTATCA	TCAGCACCAC	CATCCACACG
	139861	GCGGCGTTCC	TTTGTCTGGT	CGCCTTGGCA	GCACAACTTT	GGCGCGGCCG	GGCGGGGCGC
	139921	AGGCGATACG	CGCACCCGAG	CGTGCGTTAC	GTATGTCTCG	CACCCGAGCG	GGATTAGGGG
45	139981	GTGGGGGTGG	GGGGCGAGAA	ACGATGAAGG	ACGGGAAAGG	GAACAGCGAC	CAATATGGTAC
	140041	GATAAGAACAA	ATAAACCTGT	GACGTCAATC	AGATATGTGA	GTTTGGTTGT	GTTTTGTGGG
	140101	ACTGGGGGCG	GGGGGTGGGA	GGTATCAGTG	GGTGACAGAG	TCTTTTAAAA	GACGTGTCCC
	140161	GGGGCCCTCG	AGATGCGCAA	CTTTTGGCCA	CACAGAGAAA	GGCCCCCAGA	CGAAGTCACC
	140221	CGGGTCCCCG	AACAAAAACA	AAAACCTTGA	CCGCCGCCGG	GGGGCGTGCC	TGTTGTTTTG
50	140281	GTCTCAATGG	ATCGGTATGC	CGTTCGGACC	TGGGGGATTG	TGGGAATCCT	CGGGTGTGCT
	140341	GCTGTTGGGG	CCGCACCCAC	CGGCCCCGCG	TCCGATACAA	CAAACGCGAC	CGCACGCCTC
	140401	CCCACGCACC	CCCCACTCAT	CCGTTCGGGG	GGCTTTGCCG	TCCCCCTCAT	CGTGGGGGGG
	140461	CTGTGCTCTCA	TGATTTCTGG	GATGGCGTGT	CTACTCGAGG	TCCTGCGTCG	CCTGGGTGCG
	140521	GAGTTGGCGA	GGTGCTGCCC	CCACGCGGGC	CAATTTGCCC	CATGATTTTT	CGCTTTTCTG
55	140581	GCCTTGCCCC	CACCCCATCG	CCCCGATTGT	GTGTCGGGTG	CCCGGGGTAC	AGCAGCTATG
	140641	GAGCGGTTCG	TAATATAACT	TTGGTTGTTC	CCACACGCCC	CGTGCCGGGC	ATGGGTTGTG
	140701	CGGGAAGGAC	GAAATAATCC	GGCGATCCCC	AAGCGTACCA	ACTGGGGGGG	GGGGGGGGGG
	140761	GGAAAAGAAA	CTAAAAACAC	ATCAAGCCCA</			

	141121	ATGGCCGATC	CCAATCGATT	TCGCGGGAAG	AACCTTCCGG	TTTTGGACCA	GCTGACCGAC
	141181	CCCCCGGGG	TGAAGCGTGT	TTACCACATT	CAGCCGAGCC	TGGAGGACCC	GTTCCAGCCC
	141241	CCCAGCATCC	CGATCAC'TGT	GTACTACGCA	GTGCTGGAAC	GTGCCTGCCG	CAGCGTGCTC
5	141301	CTACATGCCC	CATCGGAGGC	CCCCCAGATC	GTGCGCGGGG	CTTCGGACGA	GGCCCCGAAAG
	141361	CACACGTACA	ACCTGACCAT	CGCCTGGTAT	CGCATGGGAG	ACAATTGCGC	TATCCCCATC
	141421	ACGGTTATGG	AATACACCGA	GTGCCCCTAC	AACAAGTCGT	TGGGGGTCTG	CCCCATCCGA
	141481	ACGAGCCCC	GCTGGAGCTA	CTATGACAGC	TTTAGCGCCG	TCAGCGAGGA	TAACCTGGGA
	141541	TTCCTGATGC	ACGCCCCCGC	CTTCGAGACC	GCGGGTACGT	ACCTGCGGCT	AGTGAAGATA
10	141601	AACGACTGGA	CGGAGATCAC	ACAATTTATC	CTGGAGCACC	GGGCCCCGCG	CTCCTGCAAG
	141661	TACGCTCTCC	CCCTGCGCAT	CCCCCCGGCA	GCGTGCCCTCA	CCTCGAAGGC	CTACCAACAG
	141721	GGCGTGACGG	TCGACAGCAT	CGGGATGCTA	CCCCGCTTTA	TCCCCGAAAA	CCAGCGCACC
	141781	GTCGCCCTAT	ACAGCTTAAA	AATCGCCGGG	TGGCACGGCC	CCAAGCCCCC	GTACACCAGC
	141841	ACCCTGCTGC	CGCCGGAGCT	GTCCGACACC	ACCAACGCCA	CGCAACCCGA	ACTCGTTCCG
15	141901	GAAGACCCCG	AGGACTCGGC	CCTCTTAGAG	GATCCCGCCG	GGACGGTGTC	TTCGCAGATC
	141961	CCCCCAAAC	GGCACATCCC	GTGATCCAG	GACGTCGCGC	CGCACCACGC	CCCCGCCGCG
	142021	CCGAGCAACC	CGGGCCTGAT	CATCGGCGCG	CTGGCCGGCA	TGACCTGGCA	GGTGCTGGTC
	142081	ATCGGCGGTA	TTGCGTTTTG	GGTACGCCGC	CGCGCTCAGA	TGGCCCCCAA	GCGCCTACGT
	142141	CTCCCCCACA	TCCGGGATGA	CGACGCGCCC	CCCTCGCACC	AGCCATTGTT	TTACTAGAGG
	142201	AGTTTCCCCG	CTCCCGTGTA	CCTCTGGGCC	CGTGTGGGAG	GGTGGCTGGG	GTATTTGGGT
20	142261	GGGACTTGGA	CTCCGCATAA	AGGGAGTCTC	GAAGGAGGGA	AACTAGGACA	GTTCATAGGC
	142321	CGGGAGCGTG	GGGCGCGCAC	CGCTGTCCCG	ACGATTAGCC	ACCGCGCCCA	CAGCCACCTC
	142381	GACCCGTCCG	ATCCCGGTAT	GCCCCGCCGC	TCGCTGCAGG	GCCTGGCGAT	CCTGGGCCCTG
	142441	TGGGTCTGCG	CCACCGGCCT	GGTCGTCCGC	GGCCCCACGG	TCAGTCTGGT	CTCAGACTCA
	142501	CTCGTGGAATG	CCGGGGCCGT	GGGGCCCCAG	GGCTTCGTGG	AAGAGGACCT	GCGTGT'TTTC
25	142561	GGGAGCCTTC	ATT'TTGTGGG	GGCCCCAGTC	CCCCATAACA	ACTACTACGA	CGGCATCATC
	142621	GAGCTGTTTC	ACTACCCCT	GGGGAACCA	TGCCCCCGCG	TTGTACACGT	GGTCACACTG
	142681	ACCGCATGCC	CCCGCCGCC	CGCCGTGGCG	TTACCTTGT	GTGCTCGAC	GCACCACGCC
	142741	CACAGCCCCG	CCTATCCGAC	CCTGGAGCTG	GGTCTGGCGC	GGCAGCCGCT	TCTGCGGGTT
	142801	CGAACGGCAA	CGCGCGACTA	TGCCGGTCTG	TATGTCTCTG	GCGTATGGGT	CGGCAGCGCG
30	142861	ACGAACGCCA	GCCGTTTTGT	TTTGGGGGTG	GCGCTCTCTG	CCAACGGGAC	GTTTGTGTAT
	142921	AACGGCTCGG	ACTACGGCTC	CTGCGATCCG	GCGCAGCTTC	CCTTTTCGGC	CCCGCGCCTG
	142981	GGACCCTCGA	GCGTATACAC	CCCCGGAGCC	TCCCGACCCA	CCCCTCCACG	GACAACGACA
	143041	CCCCCGTCCT	CCCCCGGAGA	CCCCACCCCC	GCCCCCGGGG	ACACAGGGAC	GCCCCCGCCC
35	143101	GCGAGCGGCG	AGATAGCCCC	GGCCAATTCC	ACGCGATCGG	CCAGCGAATC	GAGACACAGG
	143161	CTAACCGTAG	CCCAGGTAAT	CCAGATCGCC	ATACCGGCGT	CCATCATCGC	CTTTGTGTTT
	143221	CTGGGCAGCT	GTATCTGCTT	CATCCATAGA	TGCCAGCGCC	GATACAGGCG	CCCCCGCGGC
	143281	CAGATTTACA	ACCCCGGGGG	CGTTTCTCTG	GCGGTCAACG	AGGCGGCCAT	GGCCCCGCTC
	143341	GGAGCCGAGC	TGCGATCCCA	CCCAAACACC	CCCCCAAAC	CCCGACGCCG	TTCGTGCTCG
	143401	TCCACGACCA	TGCCTTCCCT	AACGTGCGATA	GCTGAGGAAT	CGGAGCCAGG	TCCAGTCGTG
40	143461	CTGCTGTCCG	TCAGTCCCTG	GCCCCGCGAGT	GGCCCCGACG	CCCCCAAGA	GGTCTAGGTC
	143521	CAAGCGGGCC	GTTCCGGCAGG	CCCGCCCCAC	CGCCCCCATC	GTGGTTATTT	CCCCCCCCC
	143581	CCCCCAATA	AACCGATGTT	ATTTGCCTAT	ATGCGTGTGT	TGGATCCCTT	TGTGATCGTT
	143641	CGTCATTCCC	CGGATGGCAT	GGGAGGCGGG	TAATGGATGG	GCGGGGCCCG	GGGGGAGGAA
45	143701	AAAGAATAAA	GGGGGTAGTG	TCGGAGAGGC	CCGCCGCGCA	TTTAAGGAGT	CGCCGCCCGG
	143761	ACTCTGTGTC	TTCGGGTGAC	TTGGTGCGCC	GCCGTCAGCT	AGTCTCCGAT	CTGCCCCGAC
	143821	CGACGGCTCC	TGCCACCCGA	ACATGGCTCG	CGGGGCGGGG	TTGGTGT'TTT	TTGTTGGAGT
	143881	TTGGGTGCGTA	TCGTGCCTGG	CGGCAGCACC	CAGAACGTCC	TGGAAACGGG	TAACCTCGGG
	143941	CGAGGACGTG	GTGTTGCTTC	CGGCGCCCGC	GGAACGCACC	CGGGCCCA	AACTACTGTG
	144001	GGCCGCGGAA	CCCCTGGAATG	CCTGCGGTCC	CCTGCGCCCG	TCGTGGGTGG	CGCTGTGGCC
50	144061	CCCCGACGG	GTGCTCGAGA	CGGTCTGGGA	TGCGGCGTGC	ATGCGCGCCC	CGGAACCGCT
	144121	CGCCATAGCA	TACAGTCCCC	CGTTCCTCCG	GGGCGACGAG	GGACTGTATT	CGAGTTGGC
	144181	GTGGCGCGAT	CGCGTAGCCG	TGGTCAACGA	GAGTCTGGTC	ATCTACGGGG	CCCTGGAGAC
	144241	GGACAGCGGT	CTGTACACCC	TGTCCGTGGT	CGGCCTAAGC	GACGAGGCGC	GCCAAGTGGC
	144301	GTCGGTGGTT	CTGGTCTGTG	AGCCCGCCCC	TGTGCCGACC	CCGACCCCCG	ACGACTACGA
55	144361	CGAAGAAGAC	GACGCGGGCG	TGACGAACGC	ACGCCGGTCA	GCGTTCCCCC	CCCAACCCCC
	144421	CCCCCGTCGT	CCCCCGTCTG	CCCCCCCCGAC	GCACCCTCGT	GTTATCCCCG	AGGTGTCCCA
	144481	CGTGCGCGGG	GTAACGGTCC	ATATGGAGAC	CCTGGAGGCC	ATTCTGTTTG	CCCCCGGGGA
	144541	GACGTTTGGG	ACGAACGTCT	CCATCCACGC	CATTGCCCAC	GACGACGGTC	CGTACGCCAT
	144601	GGACGTCGTC	TGGATGCGGT	TTGACGTGCC	GTCCTCGTGC	GCCGATATGC	GGATCTACGA

	144661	AGCTTGTCTG	TATCACCCGC	AGCTTCCAGA	GTGTCTATCT	CCGGCCGACG	CGCCGTGCGC
	144721	CGTAAGTTCC	TGGGCGTACC	GCCTGGCGGT	CCGCAGCTAC	GCCGGCTGTT	CCAGGACTAC
	144781	GGCCCCGCCG	CGATGTTTTG	CCGAGGCTCG	CATGGAACCG	GTCCCGGGGT	TGGCGTGGCT
5	144841	GGCCTCCACC	GTCAATCTGG	AATTCAGCA	CGCCTCCCC	CAGCACGCCG	GCCTCTACCT
	144901	GTGCGTGGTG	TACGTGGACG	ATCATATCCA	CGCCTGGGGC	CACATGACCA	TCAGCACCGC
	144961	GGCGCAGTAC	CGGAACGCGG	TGGTGGAAAC	GCACCTCCCC	CAGCGCCAGC	CCGAGCCCGT
	145021	CGAGCCCAAC	CGCCCCGACG	TGAGAGCCCC	CCATCCCCCG	CCCTCCGCGC	GCGGCCCCGT
	145081	GCGCCTCGGG	GCGGTGCTGG	GGGCGGCCCT	GTTGCTGGCC	GCCCTCGGGC	TGTCCGCGTG
	145141	GGCGTGCATG	ACCTGCTGGC	GCAGGCGCTC	CTGGCGGGCG	GTTAAAAGCC	GGGCCTCGGC
10	145201	GACGGGCCCC	ACTTACATTC	GCGTGGCGGA	CAGCGAGCTG	TACGCGGACT	GGAGTTCGGA
	145261	CAGCGAGGGG	GAGCGCGACG	GGTCCCTGTG	GCAGGACCCT	CCGGAGAGAC	CCGACTCTCC
	145321	CTCCACAAAT	GGATCCGGCT	TTGAGATCTT	ATCACCAACG	GCTCCGTCTG	TATACCCCCA
	145381	TAGCGAGGGG	CGTAAATCTC	GCCGCCCGCT	CACCACCTTT	GGTTCGGGAA	GCCCCGGCCG
	145441	TCGTCACTCC	CAGGCCTCCT	ATCCGTCCGT	CCTCTGGTAA	GGCGTCTTCC	GACGACGCGG
15	145501	ACGTCCGCCA	TGAATGATT	GCCATCGCGG	ACGCACGCGG	GGACCCGCCA	GAGACCCTGC
	145561	CCCCCGGCGC	GGGCGGCGCC	GCGCCCGCGT	CCCGCAGACC	ACCTCGCGGC	GGCTCCCCCG
	145621	CGGCCTTTCC	CGTGGCCCTC	CACGCCGTGG	ACGCCCCCTC	CCAATTCGTC	ACCTGGCTCG
	145681	CCGTGCGCTG	GCTGCGGGGG	GCGGTGGGTC	TCGGGGCCGT	CCTGTGCGGG	ATTGCGTTTT
	145741	ACGTGACGTC	AATCGCCCGA	GGCGCATAAA	GGTCCGGCGG	CCACCCCGCC	GCAGCTCATA
20	145801	AAAATCGTGA	GTCACGGCAA	CCCCACCTTC	GCCTCCGCCC	TCCGCCAGCG	CCCTTCCGCG
	145861	TCCGCGATGA	CCTCCCCGGC	CGCCGACCAA	GACTCGGTGC	GTTCCAGCGC	GTCGGTGCCG
	145921	CTTTACCCCC	CGGCCTCGCC	CGTCCCGGCA	GAAGCCTACT	ACTCGGAAAG	CGAAGACGAG
	145981	GCCGCCAACG	ACTTCCTCGT	GCGCATGGGC	CGCCAGCAGT	CGGTCTTAAG	GCGCCGACGG
	146041	CGGCGCACGC	GGTGCGCTCG	GCTGGTTATC	GCCGTGTCTG	TCGTGGCCCT	CCGATCTGGA
25	146101	GGGTTTCGGG	CACTTTGGT	GTGGCTGCTC	CGCTAAATGA	CGCCTCGATG	TATGGCGCCT
	146161	TCTTCGCCCC	CACCCCTCGC	CGCGACCCAC	GTCCGTATGT	TAATTGCAAT	AAAGTGGTTG
	146221	ATTGTCATTA	CGGTCTACTA	GGTTGTCTTT	TTTTTTTGGG	GGGGGGGGAG	GAAATGCAGA
	146281	AAAGGGTAAG	AAATTCTCGG	AATTTACACC	CCGGGGGGGG	GCAAGTGCAG	TAACCCAGTT
	146341	CCTCAGTGTT	TGGGAAATCT	ATTGAATCTT	CCCGGCTCCT	CCGTGTTAGG	GAAGTCTCTT
30	146401	GGGGAAATCT	ATTGACCTCT	CGCCCCCCCC	CCCCCAGGAG	GGGGGCAGTG	CAGTACCCCCA
	146461	GTTCTCTCCG	GCTGGGGAAA	TCTCTCTGCC	GGGTACGGGC	TCCAGACGAA	GGACCCATAC
	146521	ATTTCCCCAT	CCGCACCCCCA	CATCTGGCGT	TCTAGAGTCA	CGACGCATTT	CGCCCCGTCC
	146581	CCGCAGCAAC	ACACAAAGCG	ATTTCAATTT	TCACGATTTT	ATTATTAATT	ACACCAACCA
	146641	CCCTGTCCCC	GGGACGTGGT	CAGGACCGGG	GGTCCGCACC	CAAACGCACG	AAACAAATGC
35	146701	TGGCAGTG TG	CCGAATATAA	CCCCGCGTAG	GAACACGTCG	ACGCGTGCGC	CAAACAGCAC
	146761	CAGAAGGCGC	ATGCCATCAG	CAGGTCGTGC	ATATGGCGAT	GTGTTTGGAC	GCAGGGCGCA
	146821	GCCGCGGCGA	TAAAATTCAT	GGCGGCCGTC	CGCCAGGGCC	ACAGCGGCGA	GGACTCCCTG
	146881	TTGGCCCCGAA	GCCATTGGGT	ATGAACCAGC	TGCGCCTCCT	GTCCGACCCCT	GGCTCCCGCC
	146941	AGCGGGGGCG	GTGGGTCGTG	GGTGTGAGA	GCACACAGGC	GGGACACCTC	GATCACCGTC
40	147001	CGAAAAAAGG	CCCGGTGGTC	CGCGGGCAGC	ATCTGCAGGT	GCGCCAGGGC	CTGGGCGTTG
	147061	AGAGGGTACA	ACTCGGAGCC	GGGGGACTCC	GGGGGCCGGT	CCGCGCGGTG	CCGCGAGTTG
	147121	GCACGCTTTG	GGGCCCCGGT	GTCGGACGCG	GGCGCGTTAT	GGATCCCGAT	GCGGGGAGGA
	147181	ACGTACGTGC	GTTGGCGCGG	CGATGAGGGG	TCCGGGCTGC	CGAGGGGGGC	GTAGGGGACC
	147241	GGGCTAGGCA	AGCCCGCGGG	TTGCGCGGGG	TTCCCGTGGG	GGTCTAGGCT	CCCTGGGCAC
45	147301	CCGTGGGGGT	CGTGGGGGTC	GCGGGTCCCT	GGGTATGCGC	GGGACCCCTG	GTTCTCTGGG
	147361	AGATCGTGGA	ACTCGCGGTT	CCCTGGGCTC	TCGGGGAACC	CGGGGCTCCC	TGGGGACACG
	147421	TGGTGCCCTG	GGAATTCCTG	ATGGTCGGAC	GGCTTCAGAT	GGCTTCGGGA	TCGAGAGGGC
	147481	CGCACAGACT	CGTAGTAGAC	CCGAATCTCC	ACGTTTCCCC	GCCGCCGGAT	CATGGTCGCC
	147541	GCCCCGGTGC	GGGGGCCCGT	CGGTCCGGA	CGAGTGCCCT	TCAAGCGTGT	CCGCTCTCT
50	147601	GGGCTGCATG	CCGTCCGATG	GGGTGCCTTT	TAAGGAAAGG	TCTCGGCTGC	CCGCCCAAC
	147661	CGGGGTTTGG	GGGTGGGCCG	GGGAAACCCC	GGATGCCATG	GGGGGGTCAC	ACCCTAAGCG
	147721	CCGGCGCGCT	GGTTGGGTGG	GGGTAGAGGG	GAGTCCCCGG	TCGACGAGAT	CGTATCAAGG
	147781	GGCCAGCACG	CGATCCTGCC	GCTCGTTCTGA	TCTAGCACAC	CCACGGGTCT	GCTGTGTGGG
	147841	ATTTCTGACTC	GCGGGATCCG	ATCGCACGTC	CGGAGGACAC	AGCAGCGGGA	GCTCCGGGTC
55	147901	GGTCACCGCA	GTTCTGGCCG	CCTCTCGGTC	CTCCCGTTCC	CTTTTATGGA	TCTCCGCGCA
	147961	GACATCGCCA	TACGTCCGGT	GTGTGCACCG	CGAAGAATCC	AGAAACATGT	CCGTCGTTTT
	148021	CAGGGCCCCA	GACATGGTGT	CCCGTCCACG	AAGGCGGCGC	CCGGCCTGCG	AGAAAGCGCG
	148081	GATGTTGGGA	TCGGGGCCCC	GTCCCCCGGG	CCCGTCCCCC	CGTCCCCCGG	GCCCGTCCCC
	148141	CCGTCCCCCC	GGCCCCGTCC	CCCGTCCCCC	CGGCCCGTCC	CCCCGTCCCC	CCGGCCCCGT

	148201	CCCCCGTCCC	CCCGTCCCCC	CGTCCCCCGG	TCCCCCGGTC	CCCCCGTCCC	CCCGTCCCCC
	148261	CGTCCCCCGG	TCCCCCGGTC	CCCCCGTCCC	CCCGTCCCCC	CGTCCCCCGG	TCCCCCGGTC
	148321	CCCCCGTCCC	CCCGGCCCCC	CGGCCCCCCG	GCCCCCGGGC	CCCCCGGCCC	GTCCCCCGGG
5	148381	CCCGTCCCCC	CGGCCCGTCC	CCCCGGCCCC	TCCCCCGGGC	CCGTCCCCCC	GGCCCGTCCC
	148441	CCCGGCCCGT	CCCCCGGGCC	CGTCCCCCGG	GCCCCGTCCC	CCGTCCCCCG	CCCGTCCCCC
	148501	CGGCCCGGCCC	CCCGGGTCCAC	CGTACCTGCG	ATAAGGCTGC	AGTGGGTGGA	TGGGTCTCTG
	148561	CGGTACGTAC	AGGGTGGGGG	GGGGGGGGGG	GGAGGGAAG	GCAGAACGAA	AAGGAACCGA
	148621	TGCGCCCGCG	TCTCTGTATC	CGATCCGATC	CGGGTGCGTC	GGTGCCCCGC	TGCGCCCGCG
	148681	CGTCTCTGTC	TCGCTGTGGC	CCCCTTCGCG	ATGCCGCCGC	TGCCGTCCCG	GTCTCCGCCG
10	148741	CGCAGCCGGT	GTGCCCCCTG	TGCGGCGGCG	ACCGGGACGC	CGGCCCTTTA	TGTGCGCGAG
	148801	GAACGGCCCC	CCCCCGTCC	GGGCCCGCCT	CGGGGCGGAG	CCCGCGGGAT	GACGCGGGCC
	148861	CCGGGCAGGG	CGCCAGTGCT	CGCACTTTGC	CCTAATAATA	TATATACTAT	TAGGACGAAG
	148921	TGCGAACGCT	TCGCGTTCTC	ACTTCTTTTA	CCCTGCGGCC	CCGCCCCCTT	TGGGGCGGAG
	148981	CGCGGGATGA	CGCGGGCCCC	GGGCAGGGCG	CCAGCGCTCG	CACTTTGCCC	TAATAATATA
15	149041	TATACTATTA	GGACGAAGTG	CGAACGCTTC	GCGTTCTCAC	TTCTTTTACC	CTGCGGCCCC
	149101	GCCCCCTTTG	GGGCGGAGCC	GCCCGCGGAC	CAACGGGGCG	ACCTCGCCGG	CCCCTTTGGG
	149161	GCCGCGGGGG	GCCAACGGGA	GCGCGGGGCC	GGCATCTCAT	TACCACGAAC	CCGGAAGGGC
	149221	AGGGGAGCGA	GCCCGCCCCG	GACGAGGGTC	TCATTAGCAT	CGCGGGCGGA	AGCGGAAGCC
	149281	GCCCGCGCCG	GGCGCTAATG	AGATGCCGCG	CGGGCGGAGC	GGCGGCGGCG	CGACCAACGG
20	149341	GCCGCCGCCA	CGGACGCGGA	CGCGCGGGCG	TCGGGGCGGG	GCCGCGCATA	ATGCGGTTCC
	149401	ACCTGGGGGC	GGAACCCCGG	CGAGCCGGGG	CGCGGCGGCG	TCGATCGCTC	CTCCTCCGCG
	149461	TCCTCCTCCT	TTCCCCCGCG	CCCGCGCGCC	CCGAGGACTA	TATCAGCCAG	GCGACGGGGC
	149521	GATCGTCCAC	ACGGAGCGCG	GCTACCGACG	CGGCCGCCAG	GATCTACCCG	ATCGGCGCGG
	149581	AGAGGCGAAA	AGACACAGGC	ACACGCACGC	ACCGCACGGG	GGGGAGAGAG	ACTGCCAAC
25	149641	ACCCCCCCCC	ACTGCCGCCC	CTGAAGAAGA	AGAAGAAGAC	CCCCCCCCCG	CACACCCCGG
	149701	TCGGAGGCGA	TGTCGGCGGA	GCAGCGGAAG	AAGAAGAAGA	CGACGACGAC	GACGCGGGGC
	149761	CGCGGGGCGG	AGGTGCGGAT	GGCGGACGAG	GACGGGGGAC	GTCTCCGGGC	CGCGGCGGAG
	149821	ACGACCGGCG	GCCCCGGATC	TCCGGATCCA	GCCGACGGAC	CGCCGCCCAC	CCCGAACCCG
	149881	GACCGTCGCC	CCGCCGCGCG	GCCCGGGTTC	GGGTGGCAGC	GTGGGCCGGA	GGAGAACGAA
30	149941	GACGAGGCCG	ACGACGCCGC	CGCCGATGCC	GATGCCGACG	AGGCGGCCCC	GGCGTCCGGG
	150001	GAGGCCGTGC	ACGAGCCTGC	CGCGGACGGC	GTGCTCTCGC	CGCGGCAGCT	GGCCCTGCTG
	150061	GCTTCGATGG	TGGACGAGGC	CGTTTCGCACG	ATCCCCTCGC	CCCCCCCCGA	GCGCGACGGC
	150121	GCGCAAGAAG	AAGCGGCCCG	CTCGCCTTCT	CCGCCGCGGA	CCCCCTCCAT	GCGCGCCGAT
	150181	TATGGCGAGG	AGAACGACGA	CGACGACGAC	GACGACGATG	ACGACGACCG	GACGCGGGC
35	150241	CGCTGGGTCC	GCGGACCGGA	GACGACGTCC	GCGGTCCGCG	GGGCGTACCC	GGACCCCATG
	150301	GCCAGCCTGT	CGCCGCGACC	CCCGGCGCCC	CGCCGACACC	ACCACCACCA	CCACCACCGC
	150361	CGCCGGCGCG	CCCCCGGCCG	GCGCTCGGCC	GCCTCTGACT	CATCAAAATC	CGGATCCTCG
	150421	TCGTGCGCGT	CCTCCGCCTC	CTCCTCCGCC	TCCTCCTCCT	CGTCTGCATC	CGCCTCCTCG
	150481	TCTGACGACG	ACGACGACGA	CGACGCCGCC	CGCGCCCCCG	CCAGCGCCCG	AGACCACGCC
40	150541	GCGGGCGGGA	CCCTCGGCGC	GGACGACGAG	GAGGCGGGGG	TGCCCGCGAG	GGCCCCGGGG
	150601	GCGGCGCCCC	GGCCGAGCCC	GCCCAGGGCC	GAGCCCGCCC	CGGCCCGGAC	CCCCGCGGCG
	150661	ACCGCGGGCC	GCCTGGAGCG	CCCGCGGGCC	CGCGCGGCGG	TGGCCGGCCG	CGACGCCACG
	150721	CGCCGCTTCA	CGGCCGGGCG	GCCCCGGGCG	GTGAGCTGG	ACGCCGACCG	GGCCTCCGGC
	150781	GCCTTCTACG	CGCGCTACCG	CGACGGGTAC	GTCAGCGGGG	AGCCGTGGCC	CGGGGCCGGC
45	150841	CCCCCGCCCC	CGGGGCGCGT	GCTGTACGGC	GGGCTGGGCG	ACAGCCGCCC	CGGCCTCTGG
	150901	GGGGCGCCCC	AGGCGGAGGA	GGCGCGGGCC	CGGTTGAGG	CCTCGGGCGC	CCCGGCGCCC
	150961	GTGTGGGCGC	CCGAGCTGGG	CGACGCGGCG	CAGCAGTACG	CCCTGATCAC	GCGGCTGCTG
	151021	TACACGCCGG	ACGCGGAGGC	GATGGGGTGG	CTCCAGAACC	CGCGCGTGGC	GCCCGGGGAC
	151081	GTGGCGCTGG	ACCAGGCCTG	CTTCCGGATC	TCGGGCGCGG	CGCGCAACAG	CAGCTCCTTC
50	151141	ATCTCCGGCA	GCGTGGCGCG	GGCGGTGCCC	CACCTGGGGT	ACGCCATGGC	GGCGGGCCGC
	151201	TTGCGCTGGG	GCTGGCGCA	CGTGGCGGCC	GCCGTGGCCA	TGAGCCGCCG	CTACGACCCG
	151261	GCGCAGAAGG	GCTTCTTGCT	GACCAGCCTG	GCCCGCGCCT	ACGCGCCCTT	CTGGGCGCGC
	151321	GAGAACGCGG	CGCTGACCGG	GGCGCAACC	CCCGACGACG	GCGGCGACGC	CAACCGCCAC
	151381	GACGGCGACG	ACGCCCGCGG	GAAGCCCGCC	GCCGCGCCCG	CCCCGTGGCC	GTCGGCGGCG
55	151441	GCGTCGCGCG	CCGACGAGCG	CGCGGTGCCC	GCCGGCTACG	GCGCCGCGGG	GGTGCTCGCC
	151501	GCCCTGGGGC	GCTTGAGCGC	CGCGCCCCCG	TCCGCGCCCG	CCGGGGCCGA	CGACGACGAC
	151561	GACGACGACG	GCGCCGGCGG	TGGTGGCGGC	GGCCGGCGCG	CGGAGGCGGG	CCGCGTGGCC
	151621	GTGGAGTGCC	TGGCCGCCTG	CCGCGGGATC	CTGGAGGCGC	TGGCGGAGGG	CTTCGACGGC
	151681	GACCTGGCGG	CCGTGCCGGG	GCTGGCCGGA	GCCCCGCCCG	CCGCGCCCCC	GCGCCCGGGG

	151741	CCCGCGGGCG	CGGCCGCCCC	GCCGCACGCC	GACGCGCCCC	GCCTGCGCGC	CTGGCTGCGC
	151801	GAGCTGCGGT	TCGTGCGCGA	CGCGCTGGTG	CTGATGCGCC	TGCGCGGGGA	CCTGCGCGTG
	151861	GCCGCGGGCA	GCGAGGCCGC	CGTGGCCGCC	GTGCGCGCCG	TGAGCCTGGT	CGCCGGGGCC
5	151921	CTGGGCCCCG	CGCTGCCCGC	GAGCCCGCGC	CTGCTGAGCT	CCGCCGCCGC	CGCCGCCCGC
	151981	GACCTGCTCT	TCCAGAACCA	GAGCCTGCGC	CCCCTGCTGG	CCGACACCGT	CGCCGCGGCC
	152041	GACTCGTCTG	CCGCGCCCCG	CTCCGCGCCG	CGGGAGGCGC	GCAAGCGCAA	GAGCCCCGCC
	152101	CCGGCCAGGG	CGCCGCCGGG	CGGCGCCCCG	CGCCCCCCGA	AGAAGAGCCG	CGCGGACGCC
	152161	CCCCGCCCCG	CGGCCGCCCC	TCCCGCGGGG	GCCGCGCCCC	CCGCCCCGCC	GACGCCGCCG
	152221	CCGCGGCCGC	CGCGCCCCGC	GGCGCTGACC	CGCCGGCCCC	CCGAGGGCCC	CGACCCGCAG
10	152281	GGCGGCTGGC	GCCGCCAGCC	GCCGGGGCCC	AGCCACACGC	CGGCGCCCTC	GGCCGCCGCC
	152341	CTGGAGGCCT	ACTGCGCCCC	GCGGGCCGTG	GCCGAGCTCA	CGGACCACCC	GCTCTTCCCC
	152401	GCGCCGTGGC	GCCCGGCCCT	CATGTTTCGAC	CCGCGCGCGC	TGGCCTCGCT	GGCCGCGCGC
	152461	TGCGCCGCCC	CGCCCCCCGG	CGGCGCGCCC	GCCGCCTTTCG	GCCCCGCTGC	CGCCTCGGGC
	152521	CCGCTGCGCC	GCGCGGCGGC	CTGGATGCGC	CAGGTGCCCG	ACCCGGAGGA	CGTGCGCGTG
15	152581	GTGATCCTCT	ACTCGCCGCT	GCCGGGCGAG	GACCTGGCCG	CGGGCCGCGC	CGGGGCGGGG
	152641	CCCCCCCCCG	AGTGGTCCGC	CGAGCGCGGC	GGGCTGTCCCT	GCCTGCTGGC	GGCCCTGGGC
	152701	AACCGGCTCT	GCGGGCCCGC	CACGGCCGCC	TGGGCGGGCA	ACTGGACCCG	CGCCCCGAC
	152761	GTCTCGGCGC	TGGGCGCGCA	GGGCGTGCTG	CTGCTGTCCA	CGCGGGACCT	GGCCTTCGCC
	152821	GGCGCCGTGG	AGTTCTCTGG	GCTGCTGGCC	GGCGCCTGCG	ACCGCCGCCT	CATCGTCGTC
20	152881	AACGCCGTGC	GCGCCGCGGA	CTGGCCCCGC	GACGGGCCCG	TGGTCTCGCG	GCAGCACGCC
	152941	TACCTGGCCT	GCGAGGTGCT	GCCCCGCCGT	CAGTGCGCCG	TGCGCTGGCC	GGCGGCGCGG
	153001	GACCTGCGCC	GCACCGTGCT	GGCCTCCGGC	CGCGTGTTTCG	GGCCGGGGGT	CTTCGCGCGC
	153061	GTGGAGGCCG	CGCACGCGCG	CCTGTACCCC	GACGCGCCCG	CGCTGCGCCT	CTGCCGCGGG
	153121	GCCAACGTGC	GGTACGCGTG	GCGCACGCGC	TTCGGCCCCG	ACACGCTGGT	GCCCATGTCC
25	153181	CCGCGCGAGT	ACCGCCGCGC	CGTGCTCCCG	CGCTGGACG	GCCGGGCCCG	CGCCTCGGGC
	153241	GCGGGCGACG	CCATGGCGCC	CGGCGCGCCG	GACTTCTGCG	AGGACGAGGC	GCACTCGCAC
	153301	CGCGCCTGCG	CGCGCTGGGG	CCTGGGCGCG	CCGCTGCGGC	CCGTCTACGT	GGCGCTGGGG
	153361	CGCGACGCCG	TGCGCGGCGG	CCCGGCGGAG	CTGCGCGGGC	CGCGGCGGGA	GTTCTGCGCG
	153421	CGGGCGCTGC	TCGAGCCCGA	CGGCGACGCG	CCCCCGCTGG	TGCTGCGCGA	CGACGCGGAC
30	153481	GCGGGCCCCG	CCCCCGAGAT	ACGCTGGGCG	TCGGCCGCGG	GCCGCGCGGG	GACGCTGCTG
	153541	GCCGCGGCGG	GCGGCGGCGT	GGAGGTGGTG	GGGACCGCCG	CGGGGCTGGC	CACGCCGCCG
	153601	AGGCGCGAGC	CCGTGGACAT	GGACGCGGAG	CTGGAGGACG	ACGACGACGG	ACTGTTTGGG
	153661	GAGTGACGGG	GGGGGAAACT	TCCGGAGACG	GGGAGGGGGG	GAGATGGGGA	GAGGGGGAAG
	153721	GAATCGGGCG	TCTGTGCGCC	TTTAAGACAG	ACGCGGCGAT	GGCCGCGCGC	GTGTGTGAGA
35	153781	AATAAAGAAC	GAGACAGACG	AAAACGTACC	GCCTTGTTGTG	GTTTATTTCG	GGGTCGGGCG
	153841	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG
	153901	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG
	153961	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG
	154021	GGCGGGGGTC	GGGCGGGCGG	GGGTCGGGCG	GGCGGGGGTC	GGGCGGGCGG	CACGTCTCCC
40	154081	GCGCCCGCGG	GGGGTCTGGG	GCTCTGACCT	GAGTGCAGGT	TACGAAGGTC	AGGTGGCCCC
	154141	AGCCCCCCCC	CAGGAGCGGG	AGGGAAGGCA	CGGGGCGCGG	GAGGGAGGGG	CTGCTGCGAG
	154201	CTCGGGGCCG	CGGGCGGCGG	GCGAGGGGCG	GGGGAAGCCC	CCGGGGCGGG	GCGCGGGGGA
	154261	GGCGGCCGCG	GGGGAGGCGG	CCGCGGGACC	GCAGCCCCGT	GGCGCGCGGG	GGGAGGGGGC
	154321	TGCCGCGAGC	TCGGCGGGAT	GGAGGGGAGG	GAGGGGGTGG	CGGGGAACCG	TGTGCGGGCG
45	154381	GGCGGGTGCT	TGGTGCAACT	GTCTGGTCTG	CGAGGGCGAG	CGGTGGTGCG	ACTGGCGTCT
	154441	TCGGGGGGGC	GGGGAGCTTG	GGAGTGTGTG	GTGGTCTGCG	GCACAGCCTG	CTAGTCCCCG
	154501	TCTTGCCGCG	CGGGGGCGGG	CGCGGGAAAA	AAGCCGCGCG	GGGGCGCCCC	CGGGAAGGCA
	154561	GCCCCGCGGC	GCGCGGGGGG	AGGGGCGGCG	CCCGCGGGGG	AGCGGCCGGC	TCCGGGGGAG
	154621	GGACGGGGAA	GGGGGCGCGC	GGGGCTGCCC	TGCCGCCCCG	CCGCCGCCGC	CGCCCGCCTT
50	154681	CGCGCCCCCC	CCCAAAAAAC	ACCCCCCCCC	GGGGTTGACT	CCCCGGGGGA	AAAGAGGCGG
	154741	GGCGGG					

**HUMAN HERPESVIRUS 3 (SEQ ID NO:111)**

	1	AGGCCAGCCC	TCTCGCGGCC	CCCTCGAGAG	AGAAAAAAAA	AAGCGACCCC	ACCTCCCCGC
55	61	GCGTTTTCGG	GGCGACCATC	GGGGGGGATG	GGATTTTTTG	CCGGGAAACC	CCCCCCCCGC
	121	AGCCTTTAAC	AAAACCCGCG	CCTTTTTCGT	CCACCCCTCG	TTTACTGCTC	GGATGGCGAC
	181	CGTGCACTAC	TCCCGCCGAC	CTGGGACCCC	CCCGGTCAAC	CTCAGTCCG	CCCCCGCAT
	241	GGATGACGTT	GCGACCCCA	TCCCCTACCT	ACCCACATAC	GCCGAGGCCG	TGGCAGACGC
	301	GGCCCCCCT	TACAGAAGCC	GCGAGAGTCT	GGTGTTCTCC	CGCCTCTTT	TTCCTCACGT

	361	GGAGAATGGC	ACCACCCAAC	AGTCTTACGA	TTGCCTAGAC	TGCGCTTATG	ATGGAATCCA
	421	CAGACTTCAG	CTGGCTTTTC	TAAGAATTCTG	CAAATGCTGT	GTACCGGCTT	TTTAAATTCT
	481	TTTTGGTATT	CTCACCTTA	CTGCTGTCTG	GGTCGCCATT	GTTGCCGTTT	TTCCCGAGGA
5	541	ACCTCCCAAC	TCAACTACAT	GAAACTACTG	TCCGGAAGGG	GAAGGTATTT	ATTCTCGCTT
	601	GCAGCTTGTC	GCGCGTGTAT	GCACAACAAA	AGCTATATAT	GTCACCAAAG	CCAACGTCGC
	661	CATCTGGAGT	ACTACACCCA	GTACGTTGCA	TAACCTGTCC	ATTTGCATTT	TCAGTTGCGC
	721	GGACGCCTTT	CTCCGGGATC	GTGGCCTTGG	GACATCAACC	AGTGGAATAA	GAACCGCCGG
	781	TGGTCTTGTT	TGAACGACGA	GTGGCGACGC	GTTGTTCTGC	ATAAGCTCTG	TATGCTGATA
	841	CATAAACACA	GAGTCTGTAT	CGCTATCAGA	TTCCCGAACA	CCTTCCGGTA	CCCCATACTC
10	901	CGATACCTTG	GACATTGCGG	ATCCCAAAAA	TATAATATTA	ACAGGATTTG	CTTATACTTT
	961	GCTACAGCTT	ATATAAATTT	ATGTGCGATA	CATCTTAAGT	GCATCCGTAC	GTTATTTATA
	1021	CATTGCCTGT	CACGTGAAAA	GACTGTGTTA	CCCAATAAAG	GTTCTACAAA	AAATGCTTTA
	1081	TTGGGTGTTT	GTTTAATAGC	TATTATCGTA	ACCCACCCCC	GTAAAATCAT	AAAATGCGATG
	1141	TAATTTCTGA	GACACTTGCA	TATGGGCATG	TTCCCGCATT	TATTATGGGG	TCCACTCTGG
15	1201	TGCGTCCCAG	TTTAAACGCC	ACCGCCGAGG	AAAATCCCCG	GTCAGAAACG	CGATGTTTAT
	1261	TACGAGTGCT	TGCGGGGAGA	ACTGTAGACC	TGCCAGGCGG	AGGAACGTTA	CACATTACCT
	1321	GTACCAAAAC	CTATGTAATT	ATTGGCAAAT	ATAGCAAACC	CGGCGAACGT	CTTAGCCTTG
	1381	CCCGTCTAAT	AGGGCGTGCA	ATGACGCCTG	GAGGTGCAAG	GACATTTATT	ATTTTGGCGA
	1441	TGAAGGAAAA	GCGATCCACA	ACGCTTGGGT	ATGAATGTGG	TACGGGCTTG	CATTTACTGG
20	1501	CTCCATCTAT	GGGTACATTT	CTCCGCACAC	ACGGTTTAAG	TAACAGAGAT	CTCTGTTTAT
	1561	GGCGGGGTAA	TATTTATGAT	ATGCATATGC	AACGTCTTAT	GTTTTGGGAG	AATATCGCGC
	1621	AAAATACCAC	TGAAACACCT	TGTATAACGT	CGACGTTAAC	ATGCAACTTG	ACAGAAGACT
	1681	CTGGTGAAGC	CGCACTTACC	ACGTGAGACC	GACCCACTCT	CCCAACCTTA	ACAGCCCCAAG
	1741	GAAGACCAAC	AGTTTCCAAC	ATTCGTGGAA	TATTGAAAGG	ATCCCCCGTG	CAACAGCCGG
25	1801	TCTGTACCGG	GGTTAGATTT	GCCGAACCTA	CGGAGGGCGT	ATTGATGTAA	TCACTAAATA
	1861	AAATACACCT	TTTTTCGATT	GTACGTATTT	TTATTTAAAT	GTGTAGTTCA	TAGTCCGCCG
	1921	ACAGCCGCTC	GGGCTTTTCC	CCCACATACA	ACATGATCGT	ATGCCTCGGA	TGCACCGGTC
	1981	CAACACTCCG	CCGAGAAGGG	GGATTTACAA	TGACAGTGAT	ACCCAATAGC	CGCCAGATGT
	2041	ACACCCAGCT	GTCCGGACTC	CAGCATCATC	TGCTGAGTTG	CGGCGCTGAA	GGGTGCATCG
30	2101	CATAGGGTGT	TATAATTAGC	CATTTCCGGT	AACAGTCGTT	GGGAATTTAG	GAGGCTGCAA
	2161	AACGGCTGTA	GGTCAACATA	CATTGGGGAT	TCAGATGGTT	TATCTCGACG	TCCAAGTCCA
	2221	ATCAAAAAAG	CGTGTAATAT	ATCAGCCCCG	CCGCATGTTG	CTCGAAGAGC	ACATAACCTC
	2281	TTAACACCGT	ACAGAGGGGA	TGGCGTCGGT	GCATGTGAGT	TGGCAGGGCA	TGCCACGTTT
	2341	GTTTCCAACG	CCAGTGCGCG	TATAACTTGT	GTAAACGACG	CCAACGGGTC	AGGTTTAAAG
35	2401	TTCACTCGGA	TGGGTTGACT	GCTTTCGGAA	GCTCCCGTTG	TATCCATTAA	TTAAACGTTT
	2461	GGTACACGTC	TGGTGTGTGT	TTTACCCGAA	TCAGAGACGG	AATTGCAAAG	ATATTGGTTT
	2521	GAAAGCAATG	TAATCCCGCC	CATATATCCC	CAACGTCGCC	TTAAAACTC	CCACAATATT
	2581	ACATTTTTTAT	TAGTCTTTTA	TTAATATAGA	ATCACATAAA	CAATTGATAA	AATCAAGGGG
	2641	TGGTGTATAA	TGATTAAAAA	TATAAATTGA	TATGTTTAC	AAGCATGAAA	TAGGTATTTA
40	2701	CTATTCTAAC	AGGTAAATAT	GCTTAATGAT	TAAAAATACA	AATTAGTATG	TTTTGACAAG
	2761	CATGAAAAAG	GTATTTTTTA	TTTTAGCAGT	TAAAGGTACT	ACACTTAAAT	TATTTACCGT
	2821	ATGGACGGGC	GTCAGAAAGA	TGCCCGCCCC	AAGTTGAGAG	GGTACATTCA	ACACGACCAC
	2881	ACTCGCGTTG	GTGGGTGATT	AGGGCCTCTA	AAACACCGGC	CAGACATGAC	CCGGGTGTAT
	2941	ATTCTTGTA	CACTTGAACG	TTACAACCTGA	TATCATCATA	TTCCACAAAT	TTAGAGCCAC
45	3001	GGACAACAT	ATTAGCAATG	CGGGCAATCA	TAACAAACAT	ATAAGTAGTA	ATACACGTGA
	3061	TATCACTAAA	ACGTTGCTGG	CGCAACAGTT	CGGGGAGAGT	ACGAGACCCC	AAATCGTTGT
	3121	CCCTGTTTAG	AAGAAGACAT	CTTACAAAAG	GCCCCAGCTT	TAACCTTAAA	TTCTCCAAAA
	3181	GTGACTTCGA	GGTTGCAACA	ATGGGATTAT	TTGTGTAGAT	GGGCAAGTTT	TTTGCCGCTA
	3241	ACATTTTAAAT	CCACGTAAAC	AGTTTCATCCG	CAGACTCCAA	CGCTTCAATC	AAAGATTCTC
50	3301	CACGTATGAC	TCTCTCACGC	AACGCGCGGG	CAATACGTGA	GTCCATTTTA	TATGACTCAA
	3361	AGGTACGATA	AAGTTCATGT	CCGTACAACA	TCAACTCCGG	CCAAGATGTG	TTTTGTTTTA
	3421	TCCCCGGA	ACATCCACCG	GAAGCCCATG	AATCACCCCTC	TTGTATTGTG	GCATATCGGA
	3481	CTACCAGTTT	TTCAATTGTT	TCATCTAAAT	GGCGTACCGA	GTCAATGGTC	ACGCTGGCTC
	3541	CCGCGGTGGA	GACGACTTCA	ATAGCACGGC	CCGTAATTTCG	ATCGACCGGG	ATATCATACT
55	3601	CTTTTTCGAAT	ACGCTCTCGG	CGGGCGTCTC	TCTTGGA	TGCAACCTG	TACGATTTCG
	3661	CATGTGTCTG	ATCATTTCTT	TCCTCCCGTGG	TCATTGTCAGG	AGGCGTTGTA	GGACGCCGTC
	3721	TTCGATTTGA	CAGGGATCGA	TCACGGTGTG	TTCTTGA	TTGAGTGTGA	TAAGATCTGG
	3781	ATGATCGTCG	ATGTCCCCGT	TCGATGCGTG	CATATCCAGT	CTCCACGTCT	CTTCCTCCAT
	3841	GATGGTTTGA	ATCGGGTAAT	ACAACAACCA	AAGTTTTTCGG	GCGATTGTGG	TGGTAGCTTT

	3901	CACGCCTTCC	GTGCCTTCGT	TTGGAATACC	GTGGATTATA	TGCTGTATCT	GCAGTACGCT
	3961	CCACATACAC	AGTTCTAGAC	GTGTGTGGAGT	CCTCGCCTGG	AGTGGAGCCA	ATAGCTTCAT
	4021	CATTTGCCCA	ATCGGTGACT	TCCAATGCAA	AGTCATCCGA	AGGTTCTGTCT	GGTAGCAAAT
5	4081	TCATAAAGTC	TTCACAAATA	GTAGACACGT	CTGGGTCTGGT	TGGAATTGAA	GCAGAGGCCA
	4141	TGGCTGCAAA	ATATCTGACA	ATTGCGTGTT	TGCAGTTGCC	TGTATCTTCC	GCCAATGTTG
	4201	TAGAATTTAT	AGGCTCACCC	AACCCCGCAA	TGGGCGTGTT	TAGTCACATG	ATTAATGCTT
	4261	CTGGGAGTTT	TCACTTTCCC	CAAACAAGCT	TACCTGCACC	CTTTGTTTCGT	AATGCATAAA
	4321	AATAACCACT	GCTATAGCAA	ATATGACGAT	ATAAAAAACAT	TTTATAGCAA	GGCCGGACAT
	4381	TACTGTAGCG	CAACATGTTG	TGCATATACC	ACGTATTCCC	CCCGTATTGA	TATGATTTAA
10	4441	ATGATTATCC	TTGGTTGGTT	TTGGTCTAAC	ATAAGATATA	AGCTCTACTA	TAGCGAGCGT
	4501	GCATACAACA	ACCCAGGCCA	GAATCCGAAT	GTATGTGGGG	TATAATAACG	CGCATGGTGT
	4561	ATATGCAACG	CCAAGCGTTA	AAAGCACAAAT	ACATCCAGAT	GATATATGAG	CGATAACCTC
	4621	CAAAAGCATC	AATAACGTAA	CACCTTTTATG	CATATATAAA	AACTTTATAG	GGTCAGCATT
	4681	AAATACTTTA	CTCATACCAT	CCCGTCGCAT	GGAAACATCA	CATAACAACC	TTGCCAACTT
15	4741	TGTATATGGG	TAACCAAGAA	GAATGTTTCGA	AATAACCCGT	GTTACGTAAT	TCAGTGAATA
	4801	TGATGTGGGG	GATATTAAC	CACAGGATGA	TCGGAATGGC	CCAAACATAC	GACGTATTTCG
	4861	TCGAAAT'TGT	AAATACATAC	CATATACAAA	CCATGCAAAA	AAAATCATT	TTAGCTGCAC
	4921	GCACCAAAAA	TAAGCGTGAC	AATTACGTGT	TCCCAGAACA	ATTGCAATTT	TGTCATGCAA
	4981	AGGTGTAGAA	ATAGCGGTTT	TTACCATAGT	ATCTCCTGAT	AATAGATTTT	CCCGGCAGCT
20	5041	GTAATCGTAT	CCAGATAGGC	CATCCAAAAA	CGTTGAGTGG	TTTACAAACG	TTACATATAT
	5101	AAGAGAGTTG	TTATAAGACC	CCCATACAAC	CGGTCCACCA	TTAATCACCG	TGGTTGCATA
	5161	CACACACTCA	TGTTCAAAC	TTACACGAGC	GGTATACCAT	AGGGTAAAAA	CAGCATGTCC
	5221	GCTAAGTAGA	CACATAATTA	TAAAATGTTC	TGTCTTGATT	CCTAAAGCCT	GCATGACCCG
	5281	TGGAAGATGG	CAATTCAAGC	ACGATGTAGT	ATCACACGGT	TGGTGTTAAC	TCGAAGTTAA
25	5341	ATTTGGATAA	TTAGGTACTT	CTAGAGTAAA	GATTGTATGC	ATGCGATTGC	TATCGCACTT
	5401	TGTAGCAAAA	CATTGTTGTG	CAAGCGAAAT	ACACAAACGG	TTGTGATGAT	CCACTCGCAG
	5461	AGACACAAAT	GTCCGGGGAG	CCGTTCTTCC	TCCGCGATGG	GGATATCGAA	GACAAGTGAA
	5521	CCCTTTTGTT	CCGCATATGA	GCTGAAATAA	CACCCAGTCC	CTTTTGATGG	CGATACACTT
	5581	TGATGATGTT	AAGGTATATT	CGCGATCACG	CCCGGGGAAA	TGAACAGCAA	TATGCTCCAC
30	5641	AATAGATTCT	AATATTGTGC	TGTCGACAAA	GGCCTCCAGT	GTAAATGCGT	CCAGACAAGT
	5701	TACCCCGCGC	TCTTTTAGAG	CCTTTGTTAA	AGATATTTGC	GGGGAGCTAA	ATATTTGTTT
	5761	ATTACGCGCA	ACCTTACGTT	CAAAAAACTC	TGCGTATTCC	CCCCCAAGGT	TATGTAAAT
	5821	AAATTGCAC	GGAACATTGC	ACTGCGGTCT	TGAATGAAAA	TGAAAGTTTG	CCGGGTTTCT
	5881	ATGTGATGTC	ACAAACGCTA	ATATATCAAT	ACACTGCTCA	GGTACAACAT	AAAATGGGAG
35	5941	TAGTTGTCCA	ACCGCCGTCC	CTGTGGTTGT	TACTTTGGAG	AAAAAAGGCA	GTCTTAAACT
	6001	ATGTCCGTGG	CTATAAACAC	CAGTATCTAT	AAACGAAAAG	TCCCGTAAAT	ACGGACCAAT
	6061	ATATTCAACA	AATTCCCGTT	CCAGCAACAC	CGCTTGCTGT	AATATTTGTG	CAAACCCCTT
	6121	TAAAGTGGAA	GACCCCACTA	ACGCATAGGG	ATTTGGGATT	GGTACGCATA	CCCTGAAACC
	6181	TATTTTCTCT	TTACAGTTAC	AGGGTAGAGT	TTCATGCAAG	TTTTCATTTG	TTGATACATC
40	6241	GGCGTGTGTA	TGGACTTCAG	ACGTTGTCTG	TGTATCAAAA	AACCATACAT	CCTCTGTATA
	6301	ATTCTCTTCT	ACACACGTGT	ATAATTCGCG	ATTTTCTATG	TAAAAATCGA	TGTCAGAATG
	6361	GCTGGTTATA	TCCAATAAAT	TATCATCATC	CAACACCTCA	ACGGTAGGTT	CAGGACATGC
	6421	AGTTT'TATAA	AAATAACATG	GGTCTTTGTT	AGGGTTTACC	ACGGCCTTTG	GAAAAAGTAA
	6481	TTGCATGGCC	GTTAAATAAC	CATGACGAAA	TGCTCGCATG	CCGGCATGTA	AAATACCCAA
45	6541	TGGGATGGGT	TTTCTTATAT	GAAAGTCTAC	ATCAAGTATG	AGGTTTGTGA	TTATAAGATT
	6601	TGTATTAAAT	AGCTCATTCC	TGTTTATATA	AAGCTGATCT	TTGGGTATGT	TTGATGAAAT
	6661	TTTAGAAACG	TTTTTAACAG	ACGTAGATAA	TAGTAAAGTC	AACTGCATAT	CTCGTAGTGA
	6721	AGCGGCAACA	AAATTACATG	GATTAATTTG	TTTAAGGTCC	TCCGCAATTA	ATCGAGCCTC
	6781	GTGCGGTAAA	GTGTAACGGT	TTGTTATTGA	TGACCACGTA	TCATTAGCAA	TAACAGCAAA
50	6841	TGCTTGGGCG	CCGTGAGGCA	AGGCTACCCG	ATATACAGGC	ATTGGTCCAG	TTACCTCAGA
	6901	ATGGCCGATG	AGGGCTTCTA	ATGGAGTTTT	ATAACTCAGG	ATGGATACAT	CATGTGTGGC
	6961	TATCCCAGTG	GCAGCAGAGA	AAAACAGTAA	TAGTTTGTGA	ATCCCCGGGC	TCGTATCAAA
	7021	ACCAGTACGA	CCACTTTGGT	TAGGTGTATC	GTTTGCAAAAG	TTGGCTGCTC	GTAACGCCCTC
	7081	CGCGGAAACA	CCCGAATCCT	CAAAATTAGA	CAATTCGTCA	AAACCGGGTG	GATTTGAGGG
55	7141	AATAGTGGAG	GACCATCCAT	ATGGACTAAA	TTGTTTTTCA	ATGTTTTTCCA	CACGACGAGT
	7201	TAGCGTTGTA	GCTAGGTCAC	ATACGCCTAT	AACTTGCTA	GGTTTTGCGG	CATACGTAAG
	7261	ACTTAAAGTA	TATGTTTTAG	TAATTGTATA	TTTATGTCCA	ATCTCAGGTC	CAAGTTCAGT
	7321	GACATCACAA	ATTACGTTCT	TTTTTATATA	GTCACGCATG	TTGAGACGAG	AACGTACATG
	7381	ATTAAAAAAA	TTAGCAGTAG	CTCTTTTTC	CAGGTTGGAT	GATTTTAAGA	GGACCGGTTT

	7441	ATTCACAAAA	TCTGAGTATG	TAACCGCTTG	TAGGTGGTCT	GCGATCTGTT	TCCGATTGAA
	7501	ACATTCAAAA	TGTGCCAGAT	AAATATAATC	AACAAATTCA	CGGTCTGGAA	CTTTAAGGCC
	7561	TTTTCTATCG	TTGGTAATAT	ACTCCGATAC	TGCGTGTATT	TCCGTTGTGT	CTGTATGTAT
	7621	TCGCTGTAAA	ATGTACGATA	GAGCATTTTT	GGCTGTCAAA	CCTCGTGTAT	ATGTTGAGGA
5	7681	ACAACAAAAC	ATGGAAAGTT	TATCAAAAAGA	CAACAAGTCC	GAAATATTGT	ACCCACTACA
	7741	ATTAGGTAAT	GCCGGGACTT	GGTAAGTTAA	AAACAAATCT	TTAATTGCCT	GTAAGTCATA
	7801	TAAGGGGGTT	TCCAACGTAT	TGTAACCTGT	GTC CGTTTGT	AACAAGTAAT	AGCGTGTAGC
	7861	CAACACTAGC	GTTTTTTCAG	AGGGTCCAAA	TCGAACAATA	TACCAAAACG	GCGAGCATCC
	7921	ATACCCCCAG	TAGAGTCGTC	GATATGCAGC	CAATACTTGA	CGTTCGTAAT	GGGCATATAA
10	7981	TGATGTTAGC	TCCTGACGAC	CAACGGATTT	TTTAACTAAC	TTGCAGAGTG	TTGCCTCTGT
	8041	GATGCATAGG	CCGTTGTCCG	ATAATCCCTT	TCGGTTTAAA	TGGTGTGTTG	TTACCATCAG
	8101	AGTTTGTATA	ACTTCCGAGT	GAATGTCAAA	CGTCTCCGAT	ATACATAGGG	TATCAGATAT
	8161	TATATGCGGA	TTTAGGGGTG	CTCCATACCA	TAACGCCTTA	TATAAAGCTT	TAAAATCAGT
	8221	TTGGGTTTTA	AAACAACAAA	AAAATATAGG	CCAGACCCGG	GATCGTACAT	CTCCAGTTGA
15	8281	AAATCCACCA	ATTAAATAAA	AAATAACGTT	GACGTCCCTA	CTACAAAATA	AATGCATTAT
	8341	TTGGTTTTCT	TCATCGTTTT	CAGTTACTTC	ACGTGGGCGT	TTAGTTGGGA	TTACTTGCCT
	8401	GATCTCTTCC	CTCCCATTTT	TGACAAAGAC	GTCATCTAAG	TCGGGAGTCC	AAGTATAACT
	8461	CACCACATAC	AGAGGTTCTG	TGCTTATCTG	CCCGGTAAGC	AACAACAGCG	AGTGGGAGAT
	8521	TGCACATCCC	TTTGTGGCAA	ATAATAACCG	AATCGTCGGT	TTGGAGGATT	TATCCATAGT
20	8581	TCAATACGTT	GGAAAGCCAG	TCAATCATGC	AGACGGTGTG	TGCCAGCTTA	TGTGGATATG
	8641	CTCGAATACC	AACTGAAGAG	CCATCTTATG	AAGAGGTGCG	TGTAAACACG	CACCCCCAAG
	8701	GAGCCGCCCT	GCTCCGCCTC	CAAGAGGCTT	TAA CCGCTGT	GAATGGATTA	TTGCCTGCAC
	8761	CTCTAACGTT	AGAAGACGTA	GTCGCTTCTG	CAGATAATAC	CCGTCGTTTG	GTCCGCGCCC
	8821	AGGCTTTGGC	GCGAACTTAC	GCTGCATGTT	CTCGTAACAT	TGAATGTTTA	AAACAGCACC
25	8881	ATTTTACTGA	AGATAACCCC	GGCTTTAAGC	CCGTGGTCCG	TTACACATAT	GAAAACCTCA
	8941	AACGGCTTGC	TGATATGTGT	TTAGCTGCAA	TTACCCATTT	GTATTTATCG	TTGGCGCGCG
	9001	TGGATGTTAC	TACGGATGAT	ATTGTGCGATC	AAACCCTGAG	AATGACCGCT	GAAAGTGAAG
	9061	TGGTCATGTC	TGATGTTGTT	CTTTTGGAGA	AAACTCTTGG	GGTCGTTGCT	AAACCTCAGG
	9121	CATCGTTTGA	TGTTTCCAC	AACCATGAAT	TATCTATAGC	TAAAGGGGAA	AATGTGGGTT
30	9181	TAAAAACATC	ACCTATTAAA	TCGGAGGCGA	CACAATTATC	TGAAATTAAA	CCCCACTTA
	9241	TAGAAGTATC	GGATAATAAC	ACATCTAACC	TAA CAAAAAA	AACGTATCCG	ACAGAACTC
	9301	TTCAGCCCGT	GTTGACCCCA	AAACAGACGC	AAGATGTACA	ACGCACAACC	CCCGCGATCA
	9361	AGAAATCCCA	TGTTATGCTT	GTATAAATAT	TGAAATAAAA	ACTAAAACG	TTTCTGGTGT
	9421	TGTTTTTTAT	TTTGATATA	AAATAAAAAC	ATTGCTGGCT	GGCGTGTTAA	TTACATTTAA
35	9481	TGTTTTAGTA	GAAAATCGAC	ATCGTTTGT	TCTTTATCAG	TTGAACCAA	TCCACGCGTT
	9541	CCCCGTTTCG	TGGGTGTGGC	TATTAGATCT	AACGTTTTAG	TAAAATACCA	TTGTACACCC
	9601	GGTATGCCAC	ATTTACCGCG	GATAGCATAA	GGAAATGCAA	TATTACTTAA	AACGTTGTGT
	9661	TTTAAGTGTA	TTTGGGTGTT	GTGATCTATT	AACAGGACCT	GTGCAAGACG	ATCTCCCGTT
	9721	TTTATACGTA	TGTCATCACC	CGTGAGATTA	TATACGTAGA	ATTTACAGTG	TTCTCCTGCA
40	9781	GGCCATGCCG	TTGGACACAC	GATAATGCCCT	GATCGGCTTT	TCGATGATCT	TCCAAAAATA
	9841	TAAGCGTTTA	TACTCGGATG	TTGTAAGTCC	CAGTCTCTTA	TAATCGGTAA	GACAATTTTT
	9901	ATAAATTCAT	TCCTTTTTTA	ATATAGGTTA	TATGGTACAC	AAATATCATA	TCCCGCGTCT
	9961	TCTTGCGGTT	TTGGATTGAT	GATATGTTTG	TAGGTTAAGG	GAACATCGAT	ATGGTATTCT
45	10021	GCAGAATCCC	TATGTAAAGG	TTGCCCTGTC	TGTACCGTGG	AAATATCAGC	AAATTCAGGT
	10081	ATAACGGGTT	TTTCATAATT	TGACGGCGAG	TTTGATAAAG	GTGAACTTGG	TATCGATTTA
	10141	AAAATTGGAT	CCAGATGTTT	AAGAACGTTT	TTTGGGAGAA	GGCGACTTTG	TCTTAATTTT
	10201	ACCGGGAACA	AGTAGATTGT	TAAATGTCCG	GGTAAAATAA	CGGTTACTCC	TGGCCGGTAA
	10261	TACAAAAGGG	CTGAAATTAC	TCCTCTGTAA	CCCGCATCAA	TAACTCCGTT	GGCGACAAAA
	10321	AAATTGTCTT	CATCAGCAAG	GGCAGTATCT	TTGCATTGAA	TTAACAACAG	TGCGTATTCA
50	10381	TTGGGAGGCG	CCGACTTAAC	CAACAGCTCC	AAC TGCTGCA	TATAAAAACC	GCCCCGTGTT
	10441	ACAGATTTTT	CAGATGGCAG	TTCCAGTTTC	TTGTGGTTCC	GGAGTAACAA	CGGTGTGATG
	10501	CGACTTACTT	TATCGTCTAA	CACGATTTGC	AGCGTATCTG	CACAGTACAG	TTGAACTTCT
	10561	ATTAAAATTG	TATCTTTTAA	ACACCGATTC	GGAATAGTTT	GGCTACAAAA	CATATCACCT
	10621	GTATTTACTG	CCGTTTCCAA	GATGGGATCA	ATTACCGCTT	CGTTCATATT	AATAACGATG
55	10681	CAAATTTTAT	TTTTTTGTGA	AGACAGCAGT	GGGGAGCCAA	ACTTTGCAGA	ACGGAATTTT
	10741	TGGCATGCCA	GCTGTTCCGG	TCGTGGAGTT	TATATCGACG	GATCAATGAT	CACCACCTTT
	10801	TTCTTCTACG	CATCCCTTTT	GGGGGTGTGT	GTAGCCCTTA	TTTCGTTAGC	TTATCATGCG
	10861	TGTTTCCGGT	TATTTACTCG	TTCTGTATTA	CGCAGCACGT	GGTAAACCCG	TTTGCCCTATA
	10921	AAAGGGGCAG	GCGTGTATAA	GAGGGCCCCCT	GTTTAATACG	CGGTCTGCCG	TGTTTGGATA

	10981	TTTCACGACC	CTATCGTTTA	TTTACGTAAT	GGCATCTTCC	GACGGTGACA	GACTTTGTCTG
	11041	CTCTAATGCA	GTGCGTCGTA	AAACAACGCC	TAGTTATTCC	GGACAATATC	GAACCGCGCG
	11101	GCGAAGTGTG	GTCGTAGGAC	CCCCCGATGA	TTCAGACGAC	TCGTTGGGTT	ACATTACCAC
5	11161	AGTTGGGGCC	GATTCTCCTT	CTCCAGTGTA	CGCGGATCTT	TATTTTGAAC	ATAAAAAATAC
	11221	GACCCCTCGC	GTACATCAAC	CAAACGACTC	CAGCGGATCG	GAAGATGACT	TTGAAGACAT
	11281	CGATGAAGTA	GTGGCCGCCT	TTCGGGAGGC	CCGTTTGAGA	CATGAACCTGG	TTGAAGATGC
	11341	TGTATATGAA	AACCCGCTAA	GTGTAGAAAA	ACCATCTAGA	TCTTTTACTA	AAAATGCGGC
	11401	GGTTAAACCT	AAATTAGAGG	ATTACCCGAA	GCGAGCTCCC	CCGGGAGCAG	CGCAATTTGC
	11461	CAGCGGGAGA	CCAATTTCTT	TCAGCACTGC	ACCAAAAACC	GCAACAAGCT	CGTGGTGCGG
10	11521	TCCTACGCCA	TCATATAACA	AACGCGTCTT	TTGTGAAGCG	GTCCGGCGCG	TAGCCGCCAT
	11581	GCAGGCACAA	AAGGCTGCCG	AAGCGGCTTG	GAATAGTAAT	CCCCCAAGGA	ATAACGCCGA
	11641	ATTAGACCGT	TTGTTAACC	GAGCCGTTAT	TCGTATTACG	GTGCATGAGG	GTTTAAATTT
	11701	AATACAAGCC	GCTAATGAAG	CAGACCTAGG	TGAAGGAGCA	TCGGTATCCA	AACGTGGACA
	11761	TAATCGAAAA	ACTGGAGATT	TACAGGGGGG	CATGGGTAAT	GAACCTATGT	ACGCACAAGT
15	11821	TCGTAAGCCA	AAAAGTCGAA	CGGATACACA	AACGACTGGG	CGTATAACTA	ATCGAAGTAG
	11881	GGCCCGTTCT	GCATCAAGAA	CTGATACGCG	AAAATAGGGA	TATAATTACG	CAGTAACGGT
	11941	TTACCCGGTA	TTATGTATAA	TAAATAAACG	TATAAAAGAC	AGTCGTGGTT	TGTGTTTATT
	12001	ATAAATGTGT	ATTATATGTC	ACATATTATA	AACTGTTTAA	ATAGTACCAC	GTGGTATTAT
	12061	GAACAGTTTA	TAATCAGTTG	CTACCAAAACA	AACCCCATTA	GACGGCGGGT	TTTGATAAAG
20	12121	GGAATCGCTT	ATTTAAACTA	AAGATTTTAC	TCTATAAGTA	TGGAGTGTA	TTTAGGAACC
	12181	GAACATCCTA	GTACAGATAC	GTGGAATCGT	AGTAAAACGG	AACAAGCGGT	TGTGGACGCA
	12241	TTTGATGAAT	CGTTGTTTGG	TGATGTAGCA	TCGGATATTG	GATTTGAAAC	GTCGTTATAT
	12301	TCACATGCAG	TTAAAACCTG	TCCGTCTCCG	CCTTGGGTAG	CTAGCCCTAA	AATTTTATAT
	12361	CAACAGTTAA	TACGGGATCT	TGATTTTTC	GAAGGGCCGC	GTTTACTATC	ATGCTCTGAA
25	12421	ACCTGGAACG	AGGATTTATT	CTCATGTTTT	CCTATTAAATG	AGGCATATA	TTCCGATATG
	12481	ATGGTTTTAT	CCCCGGATCC	AGATGACGTT	ATCTCAACCG	TTTCAACCAA	AGACCATGTT
	12541	GAAATGTTTA	ATTTAACAAC	CCGGGGTTCC	GTTTCGATTG	CTAGTCCACC	AAAGCAACCG
	12601	ACGGGGCTTC	CAGCTTACGT	TCAGGAGGTC	CAGGATTCTG	TTACCGTAGA	ACTACGCGCC
	12661	CGGGAAGAAG	CATACACAAA	ACTACTAGTT	ACTTATTGTA	AATCGATTAT	ACGTTATCTC
30	12721	CAAGGAACGG	CGAAAAGGAC	GACAATAGGT	CTTAATATAC	AAAACCCTGA	CCAGAAAGCT
	12781	TACACGCAAC	TCAGGCAAAG	TATTCTACTT	AGATATTATC	GTGAGGTGGC	AAGTTTGGCG
	12841	CGTCTTCTGT	ACCTACATTT	ATATTTAACC	GTAACGCGTG	AATTTTCTCTG	GCGTTTGTAC
	12901	GCCAGTCAAT	CTGCACACCC	GGACGTGTTT	CGGGCTTTAA	AATTCACCTG	GACCGAACGT
	12961	CGACAGTTCA	CGTGTGCGTT	TCATCCTGTA	TTATGCAACC	ACGGCATTGT	GTTATTAGAA
35	13021	GGGAAACCAC	TAACAGCGTC	TGCCCTTGAGG	GAAATAAATT	ACCGCCGCCG	AGAACTGGGA
	13081	CTGCCTCTAG	TTAGATGTGG	TCTTGTGTA	GAAAACAAAT	CTCCGTTGGT	TCAACAACCC
	13141	TCATTTTTCG	TTTATTTTACC	ACGGTCGGTG	GGTTTTCTTA	CCCACCACAT	TAAGCGTAAG
	13201	TTAGACGCAT	ATGCGGTCAA	ACATCCTCAA	GAACCGAGAC	ATGTACGAGC	GGATCATCCT
	13261	TACGCAAAAG	TTGTTGAAAA	TAGAAACTAC	GGTAGTAGCA	TCGAAGCTAT	GATTTTAGCA
40	13321	CCTCCGTCCC	CATCCGAGAT	CCTGCCGGGG	GACCCACCAC	GCCCACCAC	GTGTGGGTTT
	13381	TTAACGCGTT	AAACGTCATT	GGGGTAGAGG	GTGTAATAA	ATTACGAAA	CGTGCATGCG
	13441	TTTTTTTATT	TTACAATGCG	CCGTATATGG	TATGTCTGTC	ATGTGCTCTA	AAGTCCCATA
	13501	TATAAAAGAA	GCCCCAACGA	GTGTATGCGT	ATTGCGTACC	GCGACCCTGG	GATGTTTATC
45	13561	AGGCGCGTTT	GTTTGTCTCG	GTTATAAGTA	TGCAGTCGGG	TCATTATAAC	CGGAGGCAAT
	13621	CCCGCCGACA	GCGGATATCG	TCTAATACCA	CAGACTCCCC	CCGTCACACA	CACGGAACAC
	13681	GTTATCGGTC	AACCAATTGG	TATACACACC	CACCCACAGAT	ATTGTCCAAT	TCAGAAACAT
	13741	TAGTTGCGGT	TCAAGAACTA	CTGAACCTCC	AGATGGATCA	GGACAGCAGT	TCTGACGCAT
	13801	CGGATGATTT	TCCGGGATAC	GCCTTACATC	ATTCTACATA	TAATGGATCC	GAACAAAATA
	13861	CATCAACTTC	CAGACATGAA	AATCGCATAT	TTAAATTAAC	GGAGAGGGAA	GCTAATGAGG
50	13921	AAATCAACAT	CAATACGGAG	GCGATCGACG	ACGAGGGAGA	GGCGGAGGAG	GGAGAGGCGG
	13981	AGGAGGACGC	GATCGAGCAC	GAGGAGAGG	CGGAGGAGGG	AGAGGCGGAG	GAGGACGCGA
	14041	TTGACGACGA	GGGAGAGGCG	GAGGAGGGAG	AGGCGGAGGA	GGACGCGATT	GACGACGAGG
	14101	GAGAGGCGGA	GGAGGGAGAG	GCGGAGGAGG	GAGAGGCGGA	GGAGGGAGAG	GCGGAGGAGG
	14161	ACGCGATCGA	CGACGAGGGA	GAGGCGGAGG	AGGACGCGGC	GGAGGAGGAC	GCGATCGACG
55	14221	ACGAGGGAGA	GGCGGAGGAG	GATTATTTTT	CTGTAAGTCA	AGTTTGCAGT	CGAGACGCGG
	14281	ATGAGGTTTA	TTTTACGTTA	GACCCGGA	TAAGTTACAG	TACCGATCTT	CGCATTGCAA
	14341	AGGTTATGGA	GCCTGCGGTA	TCAAAGGAAC	TTAATGTATC	AAAACGTTGT	GTTGAACCTG
	14401	TTACCCTAAC	AGGCTCTATG	TTAGCGCATA	ATGGGTTTGA	TGAGTCCTGG	TTTGCTATGC
	14461	GCGAATGTAC	CCGTGCGGAA	TATATTACGG	TCCAAGGATT	ATACGACCCA	ATTCATTTAC

	14521	GGTATCAGTT	TGATACTTCC	CGGATGACAC	CCCCACAGAT	TTTGAGAACT	ATACCAGCCC
	14581	TTCCTAACAT	GACACTTGGT	GAACTTTTAT	TGATTTTTCC	TATTGAATTT	ATGGCCCAGC
	14641	CAATTTCTAT	AGAACGTATT	TTAGTTGAAG	ATGTATTTTT	AGATAGGCGG	GCTTCCAGTA
5	14701	AAACACATAA	ATACGGCCCC	CGTTGGAATT	CCGTCTACGC	ACTTCCATAT	AATGCGGGTA
	14761	AAATGTATGT	ACAACACATT	CCTGGGTTTT	ATGACGTGTC	CTTACGTGCT	GTGGGCCAAG
	14821	GAACGGCCAT	TTGGCATCAC	ATGATATTAT	CCACAGCAGC	ATGCGCTATT	TCTAATCGCA
	14881	TTTCACATGG	AGATGGATTA	GGATTTTTGT	TAGACGCGGC	AATTCGTATT	AGCGCAAAC
	14941	GTATTTTTTT	GGGACGTAAC	GATAATTTTG	GCGTGGGGGA	TCCATGTTGG	TTAGAAGACC
	15001	ATCTTGCCGG	ATTACCACGA	GAAGCCGTAC	CCGACGTACT	CCAAGTGACA	CAGTTGGTTT
10	15061	TGCCAAATCG	GGGTCCAACG	GTTGCCATTA	TGCGTGGTTT	TTTTGGGGCG	TTGGCATATT
	15121	GGCCCGAAT	AAGAATTGCT	ATAAGTGAAC	CATCTACATC	TTTGGTGCGA	TATGCTACCG
	15181	GTCACATGGA	ACTTGCCGAA	TGGTTTTTAT	TTTCACGTAC	ACATAGTTTA	AAGCCACAAT
	15241	TTACCCCAAC	GGAACGGGAA	ATGTTAGCGT	CATTTTTTAC	GTTGTATGTT	ACTCTTGGTG
15	15301	GAGGAATGTT	GAACCTGGATC	TGTAGAGCAA	CTGCAATGTA	TTTAGCTGCT	CCTTACCATT
	15361	CCCGTTCGGC	TTACATCGCG	GTCGTGTAAT	CTCTGCCCTA	TTACTATATC	CCGGTTAATA
	15421	GTGACCTGTT	ATGTGATTTA	GAGGTATTAC	TGTTAGGCGA	GGTCGACCTC	CCAACTGTTT
	15481	GTGAATCCTA	CGCAACTATT	GCACACGAAT	TAACCGGATA	TGAGGCTGTT	CGCACAGCAG
	15541	CCACAAATTT	TATGATAGAG	TTTGCCGATT	GTTATAAGGA	AAGTGAGACC	GATTTAATGG
	15601	TAAGCGCGTA	CCTGGGGGCC	GTTTTATTGT	TACAACGGGT	GTTGGGTCAT	GCAAATCTTC
20	15661	TTTTGTTGCT	TCTCTCCGGT	GCTGCGTTGT	ACGGAGGATG	TTCAA'TTTAC	ATCCCCGAG
	15721	GTATTTTAGA	TGCATATAAT	ACTTTAATGT	TGGCAGCAAG	TCCTCTTTTAC	GCTCACCAAA
	15781	CTTTAACATC	CTTTTGGAAA	GACCGCGATG	ATGCAATGCA	AACTTTGGGG	ATTCGACCGA
	15841	CAACGGACGT	TTTACCCAAA	GAGCAAGACA	GGATAGTTCA	GGCATCACCT	ATAGAGATGA
	15901	ACTTCCGTTT	TGTGGGATTG	GAGACCATCT	ATCCCCGAGA	ACAGCCCAT	CCCTCCGTGG
25	15961	ACCTAGCCGA	AAATCTTAG	CAATACAGGA	ATGAAATTCT	GGGTTTGGAT	TGGAAAAGCG
	16021	TAGCCATGCA	TTTACTACGA	AAATATTAAG	GGTGTGTGATT	TTTTTCATTA	TGGTAAAAAG
	16081	AACGTTTCCT	AGCCACACCC	ACAAAGGAGT	TTGTAAAATA	AAATCTCTGT	TTAGACCTTA
	16141	AAATTTGTTG	TGTGTGTTGT	GTGGGGGGTC	CGTGAGGATC	GACCTTTTACA	AGATATAATT
	16201	TGTCCATATC	GCAATGTTTT	CTCGGTTTGC	GCGTTCCCTT	TCCAGCGATG	ATAGAACGCG
30	16261	TAAATCTTAT	GATGGTAGTT	ACCAAAGTTT	TAATGCCGGC	GAACGTGATT	TGCCACACAC
	16321	TACCCGGGAC	TGGTGTCTTA	TTTCCCAACG	CATAACCAGC	GAGCGCGTGA	GGGATGGATG
	16381	TCTTATTCCA	ACGCCCCGGC	AGGCTTTTGA	GACGGCGGTA	AAGGCTTTAT	CTGAAAAGAC
	16441	CGACAGCCTA	ACATCGCCGG	TTTTACAAAG	TACCGAAAGA	CACAGTGTTT	TGCTTGGATT
	16501	ACACCATAAT	AATGTTCCCTG	AATCGTTTGG	TGCTCTCGTG	ATGCTAACC	ATGTTTCATGA
35	16561	CGGGTTTATG	CAGCGTTATA	TGGAAACAAT	TCAAAGATGT	TTGGATGACC	TGAAACTTTTC
	16621	TGGGGATGGA	CTTTGGTGGG	TTTATGAAAA	TACATATTGG	CAGTATCTCA	AATACACCAC
	16681	AGGAGCCGAG	GTACCGGTGA	CTTCAGAGAA	GGTAAATAAA	AAGTCTAAAT	CCACGGTTTTT
	16741	GTTGTTTTCA	TCCGTAGTTG	CCAATAAACC	AATATCCAGA	CATCCTTTTA	AATCTAAAGT
	16801	TATAAATTCG	GATTACCGGG	GAATATGTCA	GGAGCTACGT	GAGGCGTTAG	GAGCTGTGCA
40	16861	AAAGTATATG	TATTTTATGC	GTCCAGATGA	TCCTACAAAC	CCCAGCCCGG	ATACAAGAAT
	16921	ACGTGTACAA	GAAATTGCGG	CTTACACGGC	TACTGGCTAC	GGGTGGATGT	TATGGTTCTT
	16981	GGACGTTGTG	GACGCCAGGG	TATGTCGCCA	TCTCAAACCT	CAATTTTCGAC	GGATTCGAGG
	17041	GCCGCGCGCG	TCTGTTATTC	CAGATGATTT	GCTTAGACGA	CATTTAAAAA	CGGGTCTCTG
45	17101	GGTCTCAGCG	GGCACAGGAG	TTGCGTTTTAT	TTTAGCAGCA	ACAAC'TGCCA	GCGCTCTTAC
	17161	TGCGCTTTTG	CGTATTAGTG	TATTATGGCG	AAAGGAAGAG	TGGCGGGATG	GTTTAAATGG
	17221	AACCGCAGCT	GCAATTGTTG	CGGCGGTTGA	ACTTATTACG	CTTTTGCACC	ACCATTTTCA
	17281	ATACTTAATT	AATATGATGC	TTATTGGATA	TGCATGTTGG	GGGGATGGGG	GATTAAACGA
	17341	TCCTTATATA	TTAAAGGCGC	TACGTGCCCA	GGGACGGTTT	TTATATTTTG	CGGGTCAGTT
	17401	GGTCAGAACA	ATGTCAACAC	ACAGTTGGGT	TGTGTTAGAG	ACCAGCACCC	ATATGTGGTT
50	17461	TTCCCGGGCC	GTGGCGCAGA	GTATTTTAGC	ACATGGGGGT	AAACCCACAA	AGTATTATGC
	17521	TCAGGTTCTT	GCCGCCAGTA	AACGGTATAC	TCCGTTACAT	TTAAGACGTA	TATCCGAACC
	17581	ATCGAGTGTG	TCTGATCAGC	CGTATTTTCG	TTTTAATCGA	CTGGGATCTC	CAATAGGGAC
	17641	AGGTATAGGG	AATTTGGAAT	GTGTCTGTTT	AACGGGAAAT	TATTTATCTG	ACGACGTAAA
	17701	TGCAAGTTCG	CATGTAATTA	ATACAGAAGC	ACCGTTAAAC	AGTATAGCAC	CCGATACAAA
55	17761	TAGACAGCGG	ACTTCTCGCG	TTTTAGTTTCG	TCCAGACACG	GGTTTGGATG	TAAGTGTCCG
	17821	AAAAAACCAC	TGTCTGGACA	TAGGCCATAC	GGACGGTAGT	CCAGTTGACC	CAACGTATCC
	17881	TGATCATTAC	ACCCGGATAA	AGGCGGAATA	TGAAGGTCCG	GTTCCGGATG	AATCAAACAC
	17941	AATGTTTGAC	CAAAGATCGG	ATTTACGTCA	CATAGAAACC	CAAGCATCTT	TAAATGATCA
	18001	CGTATATGAA	AATATACCAC	CCAAGGAAGT	GGGTTTTAAC	TCATCTTCAG	ACCTGGATGT

	18061	GGATAGCCTT	AACGGGTACA	CCTCCGGAGA	CATGCATACA	GACGATGACT	TATCACCAGA
	18121	TTTTTATACCC	AACGACGTTC	CCGTTAGATG	TAAAACCACG	GTTACGTTTA	GGAAAAATAC
	18181	GCCTAAGAGT	CATCATTAAG	TACAGCGGTT	AATAGATAGT	TATGGACTAG	GCACCTTGGC
	18241	GGTCATTTCC	ACAACCAGGT	TAAAATTGGG	GGATTTGGGA	GAAAATAGTC	TATTGCGTAT
5	18301	TTTCTGTTCA	ATAATTGGAC	TGCGTTATTT	AAAGGTCTGA	TTGGTTGATT	GGGTTATAAA
	18361	AGGAATTACT	CCTTTAAATT	TTACTTAATG	TACCCACAAT	ATCAAGTGGT	CGTTTGTATT
	18421	TAACGATTAT	TACCGGTACC	ATGGGAGACT	TGTCATGTTG	GACAAAGGTG	CCGGGTTTAA
	18481	CGTTAACCGG	CGAACTTCAG	TACTTAAAC	AAGTGGATGA	TATTTTAAGG	TATGGAGTTC
	18541	GGAAACGCGA	TCGAACAGGA	ATCGGAACGT	TATCTTTATT	TGGAATGCAA	GCTCGATACA
10	18601	ATTTGCGAAA	TGAATTTCTT	CTTTTAACTA	CAAAGCGTGT	TTTTTGGAGG	GCCGTCGTGG
	18661	AAGAGTTGTT	ATGGTTTATC	CGCGGGTCAA	CCGATTCCAA	AGAACTCGCC	GCTAAAGATA
	18721	TACACATATG	GGATATATAC	GGATCGAGCA	AATTTCTAAA	TAGGAATGGC	TTCCATAAAA
	18781	GACACACGGG	GGACCTTGGC	CCCATTACG	GCTTCCAGTG	GAGACATTTT	GGAGCGGAAT
	18841	ATAAAGACTG	TCAATCAAAAC	TATTTACAGC	AAGGAATCGA	TCAGCTGCAA	ACTGTTATAG
15	18901	ATACAATTAA	AACAAACCCA	GAAAGCCGAC	GAATGATTAT	ATCGTCTTGG	AATCCAAAGG
	18961	ATATCCCCTT	AATGGTACTA	CCTCCATGTC	ACACGTTATG	TCAGTTTAC	GTTGCAAACG
	19021	GTGAATTATC	CTGCCAAGTA	TACCAGAGAT	CGGGGGATAT	GGGCCTTGGG	GTACCGTTCA
	19081	ACATTGCTGG	ATATGCACCT	CTTACCTACA	TAGTAGCGCA	TGTTACAGGA	CTTAAAAACCG
	19141	GAGATTTAAT	TCATACAATG	GGGGATGCAC	ATATTTACTT	GAATCATATA	GATGCTTTAA
20	19201	AAGTGCAGCT	AGCTCGATCC	CCAAAACCTT	TTCCTTGCCT	TAAAATTATT	CGAAATGTAA
	19261	CAGATATAAA	CGACTTTAAA	TGGGACGATT	TTCAGCTTGA	TGGATATAAT	CCACACCCCC
	19321	CCCTAAAAAT	GGAAATGGCT	CTTTAATGGA	TTTTTAAATG	TTGTCAAGAC	AGTAGATGTG
	19381	TTGCGAATGT	AATAAAATGA	TATACACAGA	CGCGTTTGGT	TGGTTTCTGT	TTATGAACAG
	19441	CAACGGATGC	ATAGGGTTGC	GATAACTGCG	ATAAGACCCA	ATGTCCCAAG	GATAGATATC
25	19501	ACACCAATTA	TAACGTCTAC	AACGGAAAAT	GGTATGGCGT	AGGTAGATGC	ATCGTAGGTA
	19561	TAAACGGCCG	AAAACGGAGG	GAATTTTTTA	GGGTAACCAT	CTAGATGACA	CGAATAGGTG
	19621	ATAGGTCCGT	CGAGTTCCGA	TGTTGGACAA	GAACTTTGCA	TGTTTACAAA	CCGTTTGTTT
	19681	TGATCACACA	CCCCAGTAAT	CTCACTGTTT	TCGTGGTTAA	TGGGAGAATC	GTAAACCCAC
	19741	CATACGAAAT	GTACAACGCC	ACGTGGCACA	CATTTTGCCG	TACATACTAT	GTGTCCATCA
30	19801	ATAATACCTA	TAGACACGTT	GGGAAATGGA	TAGACGTCAG	GGGTAACGAC	AGCAGAATAT
	19861	TTCATATTAG	AGACGCCATC	CCGAATCCAT	AAAACATTAC	ATTGGATGGC	TGGGGGTGGG
	19921	TAATCCATTT	GTTTTTGCTG	TGGAATTCGT	ACCGCCGAAA	CATAACTAAA	TAATCCATTG
	19981	GCATATTCTT	GTATTGCATC	GGTTATAAAA	TTTTTTCCGA	TGTTACCAA	CCTTGAAGTC
	20041	CACCGAACAC	GTACCGAGTG	CGGTGATATA	TACTTTGATA	CGTTACAGTA	CGCTGCGTAT
35	20101	GTCTGTCCGG	TTAAGACTGG	ATCGCCGACA	ACGGTAATAT	TTGGACGATA	ATACGTTGTA
	20161	ACTGTAATAC	TGTGTTCCGA	TATGACGTTT	TTAGTTTTTG	TATTAACGAC	TCGCCAAATA
	20221	TACGTTCCCT	CCGTGGTAGC	ATCCATAGAT	AAAATTGTTA	CAGAAAAATC	AGACGTTGTT
	20281	TTAACATCTG	GTATTACATA	ATTTTCCTTA	GCGTGTGTAA	ATATCTCAGG	GTTGTTTATT
	20341	AAGTTTTAAAT	CGGCACTGTT	GCTATATAAC	ATAACCGGTA	AATCTGGCAT	GCGTATTAAAC
40	20401	GCATTGCCCA	GTTGACGGTG	CGGATCTATA	AGGTGACGCG	TAAACCAAAC	TTCAATATGA
	20461	AGATCGGGGC	GTATAAGCGA	CTTCCACCTT	GTTATATTTG	AACCTTCCGG	ATCTAAAGAA
	20521	TATTGTTCAT	ATGTTTTTTG	TTGCTGCTTA	AAGGCCGCCT	GTTGTCCGGT	CGTTAGACGC
	20581	ATGTAACAAG	GCATGATAAA	TGTGTGAAAA	TAGGGTATGG	ATTGTATTCC	CGCGTGAACG
	20641	CATTGTATAT	TTTCATATAG	AAAAGGTGGT	TGTGAATGTT	GGGTGTTGCG	TGCGGGATCG
45	20701	GGCTTTCGGG	AAGCGGCCGA	GGTGGGCGCG	ACGGCGGGAT	CGGGCTTTCG	GGTAGCGGCC
	20761	GAGGTGGGCG	CGACGGCGGG	ATCGGGCTTT	CGGGAAGCGG	CCGAGGTGGG	CGCGACGGCG
	20821	GGATCGGGCT	TTCGGGTAGC	GGCCGAGGTG	GGCGCGACGG	CGGGATCGGG	CTTTCGGGAA
	20881	GCGGCCGAGG	TGGGCGCGAC	GGCGGGATCG	GGCTTTCGGG	AAGCGGCCGA	GGTGGGCGCG
	20941	ACGGCGGGAT	CGGGCTTTTCG	GGAAGCGGCC	GAGGTGGGCG	CGACGGCGGG	ATCGGGCTTT
50	21001	CGGGTAGCGG	CCGAGGTATA	TAATTCAGTT	ATACTTACGG	GTGTGGGTTC	AGATTCAGTC
	21061	GATAATTGTA	TACACGCGAT	CGTTAAAAAT	AAATTTATTT	GTATCCGCTT	CATCCTGGTT
	21121	TTTATTGACA	CATCCACGCT	CCCCTTAAAT	AAAAGATTAA	AACACCCACC	CGGGAATTTA
	21181	AATGATGGAA	ACGTTTTTTT	CGACATTGGG	AATAATAAAA	ACGGCTTTTG	CAACTTTAAA
	21241	AACTTTATTT	ATCTCGATTA	CGATACATAT	GTACCACATA	GATAGCATAG	ATTTATTATA
55	21301	ATATAAACAC	ACACGTGATA	TACTTTAGTG	ATATGAGATG	CCATAAAACA	GTCAATAGGT
	21361	TTAACGCTTA	GTCTCATCAT	CTGAATACAC	GTCAAACCCG	CCGCAACTGT	TGATGTTAGA
	21421	ATTATAATAG	CTCCCCATGA	AATGCCGGCA	AATGTTACAG	CTATACCCGT	CACCGAGGTC
	21481	GTTGTATATA	ATACAATTAC	CCATAGGTTT	TTTTTTTCTT	GATATAAAAC	GGCAAAACCC
	21541	TGTAACCCAA	ATGCTATAAT	ATGACCTCCT	ATTGAAACTG	CTAACGTTAC	TTGTGTAAGT

	21601	TTGATAAAAT	GATTTAATTT	AATTATATGT	GAGATTGCCC	ACATTAATGG	GGTAACTATA
	21661	TATAACACCG	GGGGTATAAC	AGACATTATA	CGAATTCCTT	TAAACACGCG	TTTAAGGGTC
	21721	CGGGAACCTT	CTCGATGGTC	ACATACTCTC	CCGCGGTCAT	TTTGTGTATA	TACAACGGCA
	21781	AAACCTAAAT	CTGTATAAGT	GTTTAATTGC	TTATGGCGAT	TTTTACGATA	TATACACGTA
5	21841	TCTTGCAAAT	CGGTGGCGGC	ATCGACAATT	GAAACTAGTG	TGACAATAGA	TATACACAAT
	21901	CCAATAAGAA	CCTCATATTT	ACTGACATAC	ATATATAAAA	TAACGGTTAG	TAAACCTCC
	21961	AACCCAGTTC	CCAACATCAT	AACATAAAAA	TAAATATGCG	GTCCATTGAA	TGTCGTAAAC
	22021	AAGTTGTAGT	AATGGATATG	CACAGCAGCC	ACTGTTCCGG	TAATCGCGGA	TATGGAAAAT
	22081	CCCAGTAATT	CTACAAATGG	AAGATCCCGG	GATATTGGGC	AACCAACCGC	CCATAACACA
10	22141	GCAAAACCCA	ACACGACCAC	CGTCTGCAAA	CATCGTCCCA	ATTTTGCTAA	TGTGCGTAGA
	22201	AATTTACGCG	ATGTTGGCCA	TAACCCCGAA	ACGACGATCA	ACCCCATAAAT	AGTTGCATTG
	22261	ACGGCAGCTT	CGCAGACGTG	ATATTGTAAA	ATTAACCCGG	ACGTGATAAC	GCTTGCTTGT
	22321	AGTCCCACGA	GAAACAACCG	CGATGCTGAG	GTTATTGCAC	ACGAATTACA	TTCTTGAGGG
	22381	TTTCCGACAC	ATCCTTGGAT	TGATTGAGCG	CGGATTAATT	CTCTGTCTAA	CACACCCAGG
15	22441	TTTTCATCAT	GGACAGCTCT	TTCACCATTC	ACGGCCATGT	CTTAAGTTTA	ATAATTCAAA
	22501	ACAAATAAAA	ATGTGTTTCA	CTATGGTACA	CACAAGTTTG	TATGTAAAAA	ATAAGCAAAA
	22561	GTTGCACTTA	TTTAACTGTA	CATATTACGT	CAGATTCACG	TGATAATTCA	GAATAATCCA
	22621	GGGTTCCCTGC	AGGGTCCACT	GGAGGAGCCA	CACAATATTC	GCGAATTCCG	ATTCCTCTCT
	22681	GCCATGTGGT	TTCCGGGGAGT	TTCCCCCCCC	TTTTATTTCC	GGTATTTTTT	TCGTTTTCTT
20	22741	TTGTTAATAA	ATTGCGTCTT	TTTTTTAATG	GTGGTTCATC	CTTCACAGAT	TCCATGTTTG
	22801	CAAATAATTG	CATCGAGGTT	AATTTTTCTT	TAAGGTCTTT	GGGACTTAAG	AACGTTGCAT
	22861	AAAAAAAAGA	ATGCACGGGT	GCGGAACGTT	GGATATACAA	TCCAACCATG	GGGGAGTTAG
	22921	TTAAGGCGAG	ATAAAAAATTA	ATATAACACG	TCTCATCCCG	TGTTAACTTA	AGATTTTGTA
	22981	CGGCAGAACG	GAATCCACTG	TGTGTTTCCA	ATAATACTCC	AAATTCACGC	ATACTCCC GC
25	23041	TGCCATAAAC	AACATTATTA	AGGATCCTTT	TTGAATTTGT	GATTGAGCGT	ATTAATTTAT
	23101	ATGGTGTAGG	CTTGCTTCCG	TTTATATCCA	AGGAAACATT	AAATGAGATA	AAACCACC CC
	23161	CGGCGGTCTG	GATGTACATA	TCCGTGGCTG	TTAGAATGAA	GCATGTTGTA	AACCCAAAAG
	23221	TTTTAAGTAG	TCGCTGTAAA	CGGGTGAATT	GATCGCGTTT	TAAGCAAATG	CTTATATCTG
	23281	GAGTTAGATT	TGGAAACATC	ATTGTATAAC	AAGCGAGTTC	ACGTTTTACA	ACTTGTTTGT
30	23341	AACATTGTAC	TTGATCATCT	GGACCACAAT	CACCCGGGCG	TTGCCATACC	ATCGTTTGGA
	23401	TAATACTCCG	CTCGGGGGGT	TGTCGGGTAA	ATTTAAAATA	TAACCGTGTT	GGGGTCGACG
	23461	GATCTTTTGT	ATGGCGAAAC	GCGTCAATAA	GCGAGGACCG	TCCCTCCGTT	GCCGCGAGTA
	23521	CAACCATTCT	CGGCCAGTCT	CAATTATACT	GGTCAAACAT	ATTTGCCGGT	ATAGGAATAT
	23581	ACAGTTGTTC	TGTTTCCAAA	CTACAGTGAA	TATTAATATC	TTCGTCGCTG	AATATTAATA
35	23641	TAGAATCCCT	TAGTCTATTA	ACCAGAGGTG	ATATAGACGA	AATTAACCCA	GTAAGCGTTT
	23701	TTTCCGTAA	AACAGCTCTG	GCGATTTCTG	GGGCGTCAAA	ACCCGCATGC	AATTCATGTT
	23761	CCAAAGCATC	GTCTGTACGC	GACCTCAAAT	CCATAATTTA	CTACTTAAAA	TGTTTTACTAT
	23821	AGAAAAAGTA	ATCATATGTA	AACACACGAG	TTTCGTAAAT	ATGTTTGTTC	AACCCGATCC
	23881	GGTGACTTAA	GTACATAAAC	AGGCATGATA	TTTGAATAGT	ACGGCCCATG	GGAGGGAAAC
40	23941	TTTCCACGTG	TTCCAATACA	GGGGGTGTTT	CTTAATAGGG	ACTGTGCAAT	AAAATACGTA
	24001	AGAAGTTACC	AGATTTGATG	TAATGTTTGT	CATAAAAAAT	ATGTACATCA	TTATATACGT
	24061	CTGTAATTAA	CACAAGATCA	CATCGAAGAA	TTACTGAAGC	CGCTGTGAAA	CCTTTACAAA
	24121	ACGATATAAA	ACTTGGTTAA	GTGTATTGAT	GGGGCTCTTT	GGACTGACAC	GCTTTATCCA
	24181	TGAACATAAA	CTGGTTAAAC	CCAGCATCAT	TTCAACGCCA	CCCGGAGTTT	TAACCCCCGT
45	24241	GGCGGTAGAC	GTATGGAACG	TCATGTACAC	ATTGTTGGAA	CGTTTATACC	CTGTGGGTAA
	24301	ACGCGAGAAT	TTACACGGAC	CATCTGTAAC	GATACATTGT	CTTGAGTCTT	TATTGCGGCT
	24361	ATTAACACAA	CGGTCATACT	ATCCGATATT	TGTATTGGAA	CGTTGTACAG	ACGGCCCATT
	24421	ATCACGTGGA	GCCAAGGCAA	TTATGTCACG	GGCCATGAAC	CACGATGAAA	GGGGAACCTC
	24481	GGACTTAACC	CGTGTTCTAC	TATCATCCAA	CACATCATGT	TCTATCAAGT	ATAACAAAAC
50	24541	ATCGGAAACA	TATGACAGTG	TGTTTCGAAA	CTCTTCACAG	AGTTGTATTC	CTAGCGAAGA
	24601	AAACAAATCC	CAGGATATGT	TTTTGGACGG	TTGTCACGCA	CAAACGTGAC	AGACGATCTG
	24661	CCTGCGCGAC	CAAAACGTAT	GCAGTCTTAC	CTCTACAATG	CCATCCCGAG	GACATCCTAA
	24721	CCATCGATTA	TATCACAAAT	TGTGTGCAAG	TCTTATTAGA	TGGATGGGGT	ATGCATACGT
	24781	CGAGGCGGTT	GACATTGAGG	CGGACGAGGC	ATGTGCAAAC	TTATTTTCATA	CGCGTACAGT
55	24841	GGCTTTGGTT	TATACGACAG	ATACTGATTT	ACTCTTCATG	GGCTGTGATA	TTTTGTTAGA
	24901	TGCAATTCCT	ATGTTTGCTC	CAGTAGTACG	ATGTCGCGAT	TTGCTTCAAT	ATTTAGGAAT
	24961	TACATACCCT	GAATTTTTTG	TTGCCTTTGT	TCGCTGTCAG	ACCGATTTGC	ATACAAGTGA
	25021	CAACCTAAAA	TCTGTTTCAGC	AAGTTATTCA	GGATACCGGC	CTGAAAGTTC	CACATCAAAT
	25081	GGACACTTCA	ACGCGCTCCC	CCACTTACGA	CTCGTGAGGA	CATGGCGAGG	TTTTCAAAAG

	25141	TCTTACCGTA	GCCACGTCGG	GTAAAACAGA	AAACGGAGTG	TCCGTTTCCA	AATATGCATC
	25201	TAACCGATCG	GAGGTGACAG	TAGACGCCAG	TTGGGCTTTA	AACCTTCTGC	CACCCTCATC
	25261	CTCCCCATTG	GATAATTTGG	AACGCGCATT	TGTTGAACAT	ATAATCGCCG	TGGTAACTCC
5	25321	ATTGACCCGC	GGTCGCCTAA	AGTTAATGAA	ACGTGTAAAT	ATTATGCAAA	ATACGGCAGA
	25381	CCCATATATG	GTTATTAACA	CCTTATATCA	TAACTTAAAG	GGGGAAAAAA	TGGCTCGCCA
	25441	ATACGCACGT	ATTTTTAAAC	AGTTTATTC	TACTCCACTC	CCACTAAACA	CTGTATTAAC
	25501	AAAATATTGG	AATTAAAACA	CACATAAGAG	CGACTTAATG	GTTCAATTGTT	TTATTTTGCT
	25561	CGTATATACA	TGTTATAAAT	CGTTTATCAC	TGTGCCCGCA	TAAGATGTAC	TGTGTCTCTC
10	25621	AAAAAAATTT	GTGTTTTTAT	CTGCAATCAT	AAATGCAAGT	GGAAAGTCCG	AATCGGGAGG
	25681	TGGGGTGTTA	AATAGTTTTG	GTACATTAAT	CGCTGATAAA	AGCCTGTCCG	CGCTGAATTT
	25741	CACGTATTGT	GTAATTGCAT	CGACGTTTAC	CAAACGGGTT	TTGGGTGCAT	GGGATTTTAA
	25801	AAACGCACAC	TCGATTTCAA	CGGCTTCCGA	AAACAGTTGA	TGTATTCTGG	TGATAGCGGG
	25861	TTTTTCGGGT	ACATAGTTAT	TGTATATACA	ACACGATGCG	CTGGTATGTA	TGGCTTCATC
15	25921	TCGGCTTATA	AGGTCGTTAA	ATTGACAAGT	TACAACAAAT	AGTCCGTTAT	TGCGTAAATA
	25981	TGCAATAGCC	GCGAACGATG	ATACAAAAAA	AATGCCCTCT	ATAAGAATCA	TTAGTATATA
	26041	TTTTTCTGCA	ACGGATGGGT	TGTCCTGATC	CTTTTCTTCC	AACCATGTGA	CTTTTGTGTT
	26101	GATCGACGGA	TTATTAATAG	TGACATTTAC	GATTGTGACC	CGCAACGATT	CATCCCTCT
	26161	GAACAACATT	AGTTGAATTT	GACTATAGAC	ACGCGCGTGG	ACAACCTCGA	TGCACTCTTG
20	26221	TTCATGTAG	TAATGGTGAA	TATCCTTTTG	GGAAAAGAGT	TGGGTAGAG	AGCCCAAATT
	26281	AACATTTACC	AGATCATCTG	CCGCCGATAA	AAATGTAAAA	ATAAATCTGT	AGAATATTAG
	26341	TTCATCTTCC	GTTAAACAGT	CCAAGTATTG	ATAATCATCT	TCAATGATAA	AATCGCTTTC
	26401	TAACCAACGA	TTCGAAATGC	TCAGGGCACG	TAAATTGTTT	ATATCTGGAC	ACTCCGGCCT
	26461	GTAAAAAAA	TGACTGCAAT	CTTCTGATC	CATTTTGGAA	TAGTTTCCCG	TGTAAATTTA
25	26521	TAAAGCACAA	CTGGTACAGG	TTAATTCGCG	TCCCACAAAC	AGTCCGCTGT	TCGTAGCTTT
	26581	ACGAATTTTA	CAGTAGTACA	TACCGGTTTT	AAGGCCGGCT	TTATAGGCAC	GTATAAGCAA
	26641	ATTCAATTAT	TTGGAGGCGG	GAATTGTCCC	CTCTGGGCGT	TCCTCAATAA	ATAAGCTCAT
	26701	TGATTGACTT	TGGTCAATAA	ATGCGCCCT	TTCTGCACAC	ATATCAACGA	GATCCTCTTG
	26761	CTCATATTCA	AACGCTGTTT	TATATTTTAA	GAGTGGGTGA	CTATTAGATA	AACAGCCAAA
30	26821	CGAACGTATT	ACTGACCATT	GGTTTTTCTC	AAGTATGTTT	ATAACTTCCA	GTCGTTTTTTC
	26881	TTCACATGAA	TACATATCTC	TTAGTTCGTC	CATAAGGTCT	AAGTTGGGTC	TAAGTAACTC
	26941	ACCCGAGGTG	GTGACCTTAC	TAAACATATT	ATTATAAAAT	GGAGAGAAAC	CCTCACTGCA
	27001	CTCCGTTACC	TGTGCAGATG	AAACTGTGGG	CATTAACGCT	AAGAACTGCG	AGTTGTATAA
	27061	CCCATAAGCG	CAAATATCAT	CTCGCAGGGT	ACACCATGGT	AAATCTAAAT	AACTTATCGT
35	27121	AGAAAACCCA	TCTTGGTGTA	ACCATCCCTT	AGCATATTTA	CTTTCGGTAA	AACCCTTAAA
	27181	CGGGGCTAAG	CCGCCAATCT	TACACATTTT	CATGCTTGTT	TTCAATGTCT	CATAACACAT
	27241	TAACTCCGCT	ATTTGTACAT	TTAACCCTCT	AGCTGGTTGG	GAAGTTAAAT	CAAATCCTAA
	27301	GCGGAGACAA	GTTGTATGTA	ACCCCTGTAT	GCCAATGCCA	AGTGATCGGT	TGTTTTTTTAC
	27361	ACCTTTACAT	GATTTTTTAC	ATGGAAAGTT	CCCAGCCGCC	AGGACCCCGT	TTAAAAAAAT
40	27421	AACAGTCGTT	CTTGCTGTCA	ATTGAAGGTC	GTTTAAATTA	AATGACACTG	GGCCTTTGGA
	27481	TAAGCACGTT	GTAAGATTTA	TGCTGGCAAG	ATTACATACG	CCATGTTGAT	GAGCGTCTGC
	27541	CTTTTGAACA	ATTTCCGTAC	ACAAATTTGA	CCCCGTGATA	GCATTTCCCT	GGGTATTCAT
	27601	ATGATAATTA	CGATTACAGG	CATCTTTGAA	CATTAATAAG	GGGCTTCCTG	TTACAGCAGC
	27661	ACTGCGTATG	ATTGTGAATG	CGATATCTTG	AATGGGAACA	GAAGAAACGC	CTAATCCTTC
45	27721	TCTCTCTAAA	CGTAAATAGG	TTGAAGTGAA	TGCCCTCCCC	TGTAATGTTT	GAGGATATC
	27781	GGCTCTGTTA	TCAAAAAGAG	TCCACTGAAC	ATTACTAGCC	CCTTTTAGAT	AGCTTAGGTA
	27841	TCTTTCAAAA	AATAAATCTG	GGGTCCATAA	ACAACAAAAT	ATGTTATCAC	ATCGAAATAT
	27901	TTCATCACGA	ACCAACATTC	CACGTGTGGC	CAAAACAGTT	TGTAGATCGA	CGTGCCATGG
	27961	TTCTATGTAA	ACACAACTC	CAGTTGGTGC	TTCAACAATCA	CTGTTAATTG	CCATAACCAT
50	28021	GCAATCTAAA	AGTTTTTAAAA	CTGCAAGAAG	ACCTTTCGTT	TGATTTTCCG	TAGGTATTAA
	28081	ATTACAGACTC	TGTAGAGAAA	TTCCCCTTCC	ACCTCGACTT	TGTAATACCG	TTCCCACATC
	28141	GCCTGTGATA	GCTCGAACAG	CTCTCCCAAC	AGTGATGGAT	TCCGGGTCCA	TTAAATAACA
	28201	ACTGGCCGTT	GCCCCGGTCT	CTCGACCTAA	AAACATCATA	ACCGGTGTAG	CCGGGACAAT
	28261	TTTCTGACAT	GCCAACGCTG	TGAAAAATAC	CCGACAGACA	TCAGTCCATG	TATAACCATC
	28321	ATTTATTCCG	GGAATAAGAG	TTGCGATTTT	AGGCAGGTTT	ACGATTTCTG	TTGTCACGGT
55	28381	GGCCGCCAGT	CTTAAAAAGA	ATTGGCAAAG	CGACTCTAAT	TTACCTTCCT	CTAACTTAGT
	28441	TAAATAAAAG	TCTTCGTACT	TTAAAGCAGA	CTGTAGTCCA	AGGGTAGCTA	AAGCGGGGTA
	28501	TTGATCTTTC	AAAAACGGTT	CTAATATAGC	CCGACGAATT	TCGTCCCTCC	GCCCTTCAAT
	28561	TGCTTGGCGG	ACTCGGGGAG	TTAAACAGAG	AATTGGGGAA	GTCAACCACG	TTTCCATGGA
	28621	AACGGATCGT	AGGTTAATAC	GGCAATGGAT	AAGTTCTCCA	CAACATCGGT	ACACTCGCTC

	28681	ATCTTGTGCG	GTCACCGCCT	TAAGTTTTGA	GACGATAGTG	CTAATATACT	CCATTAATTC
	28741	CACCGGTGTG	GTTGATTCGG	GCGGAATGAT	GTATTCCTTG	TAGCCATGTT	GACATAATCG
	28801	GTTTATAATG	TCATGAACCG	TATTAATAAT	TCTTTTGAAC	TCCATAACGG	ATAACGTATT
5	28861	TAGGCTCCGG	AATAAACCTT	TAAACCCTAA	ACTCACAGCT	GAGTTAGTTC	TACAATATTG
	28921	TAGACTCCCT	TATATATGGT	TACGTACAGC	CTGCCCCCTC	CCAGTATATA	ATATCACGCA
	28981	AAACCCACGC	TATGTTAAAT	TCAGTTTATT	TTACATACAT	GCTTTAATAA	TAACATTTCGT
	29041	TCCATGTATT	TGTACCCCCC	CACACAACCC	CCCTAACC	AAAGTTGGC	ACGTTATAAC
	29101	CTCCGAACCG	TTCCATGCGT	CTTGTATAAC	GCACAGACTC	TGATGGAATT	GTTCCAATTA
10	29161	ACGTATATGC	CGCATACATG	CAGGATAATT	GTGTGGGAAG	TCCCCGAAAA	TCGCCGGTCC
	29221	ATTGATACAA	TCGCTGTCTA	GCCAAGTTCC	AATTTACTCC	TGTAATTTTCG	CCAATACTAC
	29281	ATCGAGGGCT	TGTCGGGTCA	TTGGATAACT	GCACAAGCGG	CAACGCCCTT	GTGTTATATG
	29341	GCTGGTGGGT	ATTTGCAACC	CCTTCAGTCC	CCCAGGCGGC	ATTTTCAGCT	CGTATGCGTC
	29401	CTAACAGGAA	GCCAATACCA	CGACAAAAC	ATTGTTTCGT	TAGTTGGCTT	AATGCAAGAT
	29461	GCAGTCTTAC	ACCTTCTCGT	TGGCGTTCGT	GTGTATATAC	AAAAACCAAG	AACACATGCT
15	29521	TCAGTCCGTC	CGCGGAAAGA	TGTAATCTT	TGTCAACGTC	CCAAAATACG	CAGGCCGGGA
	29581	TGTTGGCTGT	GACCTGCGA	GTTGAAGTTT	TGTCTGTACG	TGCAGCTTCT	TGGGGACCTT
	29641	TGGCCACGGC	GGTTATATTG	CATAAATTAT	CCTGAATGGT	ATATTCCAGC	AGGGACCCAA
	29701	AAAACTTAT	AAATCGATGT	GGAATACAT	GACATTGTAC	CATCGCACGT	AAACACTCCG
	29761	AAAACCTTAT	GAGCCGCGTT	TCCATACGAC	TGCATCCATA	GGCAGAAACA	ATTGCTGTTC
20	29821	TGTTGGCATC	CGCTGCCTGT	TTATCCGTAT	ATTCTTCTGC	CCGGCATGCG	GCGATGAAAC
	29881	TTAATGACGT	TACATATGCT	CTAAGCCCCC	CACCTTCTCC	AACGGTCCAA	GGAGCCGTGC
	29941	AGGCATTGAA	TAGGTTTTCGT	AAACCTCTA	GTAGTACATC	GGGGTCACGT	CCAGCCTGTG
	30001	TAAGTGTATT	AGCTTCTCCA	ATCATGTCAG	ATGGATGACG	AAGGATTAAG	ACGATTGACC
	30061	CAGCATGCTC	AATGTCCGGA	CGAAAAAAT	CGGTTAATGA	CACCTGTTGG	ATTAGCTGTG
25	30121	TCGTTGATTT	AAAATTATTT	AACGGGAGTC	TAATGGTAAC	TTGCGGGTTA	CCAATTGAAG
	30181	TTGGATTTAT	TTGAATGTTG	TTCATACGAT	TAATAACAAT	TGAACGGGGG	GTTACTTGAA
	30241	TAGACGCGGT	TTCTGTACGT	TTTGGTGGTA	CATGTATCGG	TTGTTTGTTC	AGACCTCCAA
	30301	AGCGAGGGCC	AATTGTTAAA	TCGCGACTCC	AATTTCCGAA	GAAGCCCGGA	GCATAAGTCA
	30361	TATGAAGCCC	GTTCCCTATT	TGAATAAAAC	GGTTATTTCC	TAAAAGACTG	ATATTAGTTC
30	30421	CACATAGCGT	TTGTTTCGTTT	AAAGTAAAAAT	GCGAGTTGGT	TGGTTGACTC	CCCATAGCTG
	30481	AGGGGTTAAA	TTACACAAAT	GCAATCGTGA	CGTGGTACTA	TCTGAAATGT	TGCCCTGGGGT
	30541	ATGTGTACAC	ATTATACAGT	CGTAGTACCG	TTTATATAAT	GTTAGGTAGG	AGGAGCCTAT
	30601	AAAAATATTT	TGATTGGCGT	TAAAAGGTTT	TTCAACTTAC	CGTGACGTCC	TTTTTTATTAA
	30661	CATGCGTTTT	TATTGATGTT	ACATTTATGT	CTTTTCATT	CGGACGGATG	TAGCTTTTTT
35	30721	ATATCACGTT	ATAAAGTTAA	GTCAGCGTAG	AATATAACCAT	GGAAAGAACCA	ATTTGTTATG
	30781	ATACACAAAA	ACTTTTGGAT	GATTTAAGTA	ACTTGAAAGT	ACAAGAAGCG	GACAACGAAA
	30841	GACCATGGTC	ACCAGAGAAA	ACAGAAATCG	CCAGAGTTAA	GGTAGTTAAG	TTTTTACGAT
	30901	CTACCCAGAA	AATTCCAGCT	AAACATTTTA	TTCAGATATG	GGAACCCCTG	CATTCTAATA
	30961	TCTGTTTTGT	ATATTCCAAT	ACATTTTTTGG	CGGAGGCTGC	TTTCACGGCC	GAAAATTTAC
40	31021	CCGGACTGTT	GTTTTTGGAGA	CTAGATCTAG	ACTGGACGAT	AGAGGAGCCA	GGTAATAGCT
	31081	TAAAAATTTT	AACCCAGCTA	TCAAGTGTAG	TACAAGATTC	CGAGACGTTA	CATCGTTTAT
	31141	CGGCCAATAA	ATTACGAACC	TCGTCTAAAT	TTGGACCCGT	TTGCATACAC	TTTATTATAA
	31201	CGGACTGGAT	AAATATGTAC	GAGGTCGCCCT	TAAAGGATGC	AACAACGACC	ATTGAATCAC
	31261	CATTCACTCA	CGCTCGTATT	GGAATGTTGG	AAAGCGCCAT	TGCAGCTTTA	ACACAACATA
45	31321	AATTTGCGAT	CATTTACGAT	ATGCCATTTG	TTCAAGAGGG	GATTCGTGTT	TTAACACAAT
	31381	ATGCAGGATG	GCTTCTTCCG	TTTAATGTTA	TGTGGAATCA	GATTCAAAAT	AGCTCACTCA
	31441	CTCCTCTAAC	ACGAGCCCTT	TTTATAATCT	GTATGATTGA	TGAATATCTC	ACGGAAACGC
	31501	CAGTACATAG	CATATCAGAA	TTATTTGTCAG	ATACTGTAAA	TTTAATTAAA	GATGAGGCGT
	31561	TCGTATCCAT	CGAAGAAGCG	GTAACGAATC	CACGAACGGT	GCACGAGTCA	CGAATTTCTT
50	31621	CAGCTCTGGC	TTATCGAGAC	CCTTATGTTT	TTGAGACATC	CCCGGGAATG	CTTGCTAGGA
	31681	GACTTAGATT	AGACAATGGT	ATATGGGAAA	GCAACCTCTT	ATCGTTGTCC	ACCCCGGAA
	31741	TTCATATTGA	GGCGCTGTTA	CATTTACTAA	ACTCCGACCC	GGAAGCGGAA	ACCACATCTG
	31801	GAAGTAATGT	AGCAGAACAC	ACCCGTGGCA	TTTGGGAAAA	GGTTCAGGCT	AGTACATCGC
	31861	CTAGTATGTT	AATAAGCACC	CTTGCCGAAT	CCGGGTTTAC	AAGATTTTCA	TGCAAATTGC
55	31921	TACGTCGGTT	TATTGCTCAC	CACACACTCG	CCGGTTTTAT	TCACGGAAGC	GTTGTAGCAG
	31981	ACGAGCATAT	TACAGATTTT	CAACAAACAC	TAGGATGTCT	CGCTTTAGTG	GGTGGACTGG
	32041	CATACCAATT	AGTGGAACG	TACGCTCCTA	CTACCGAGTA	TGTGTTAACA	TATACACGGA
	32101	CAGTAAACGA	GACCGAAAAA	CGGTATGAAA	CGCTATTACC	CGCCTTAGGA	TTACCACCGG
	32161	GAGGCCTGGG	ACAAATTATG	CGGCGCTGTT	TTGCTCCACG	ACCCCTTATT	GAAAGTATAC

	32221	AAGCGACACG	CGTAATACTA	CTTAATGAAA	TTTCACATGC	AGAAGCTAGA	GAGACAACAT
	32281	ATTTTAAAGCA	AACACATAAT	CAATCCTCAG	GTGCGTTATT	ACCACAAAGCA	GGACAAAGTG
	32341	CCGTACGCGA	AGCCGTACTA	ACCTGGTTTG	ACCTACGTAT	GGATTCAAGA	TGGGGTATTA
5	32401	CTCCCCCGGT	GGATGTGGGT	ATGACACCTC	CTATTTGTGT	TGATCCAACG	GCTACAGGGT
	32461	TGGAAGCTGT	CATGATAACA	GAAGCACTAA	AGATTGCATA	TCCTACCAGAA	TATAATCGCT
	32521	CTAGCGTGTT	TGTGGAACCG	TCGTTTGTGC	CTTATATTAT	TGCAACAAGC	ACGCTTGATG
	32581	CCGTTTCGGC	AACAATAGCT	TTGTCTTTTG	ATACACGGGG	AATACAGCAA	GCCTTGTCTA
	32641	TTCTTCAGTG	GGCTCGCGAT	TATGGATCCG	GAACCGTGCC	CAATGCAAGAT	GGATATCGCA
10	32701	CAAAACTATC	TGCTCTTATA	ACAATATTAG	AACCTTTTAC	CCGTACAACAC	CCCCAGTAC
	32761	TTTTACCATC	TCACGTTTCT	ACTATAGATT	CCCTTATATG	CGAACTTCAAT	CGGACTGTTG
	32821	GCATTGCCGT	TGACCTGCTT	CCCCAGCACG	TCCGTCCTTT	GGTTCCTGAC	CGTCCTTCTA
	32881	TTACAAATAG	CGTTTTTTTTA	GCAACTCTCT	ATTATGATGA	ACTTTACGGT	CGTTGGACCC
	32941	GACTGGATAA	AACATCGCAG	GCGTTGGTTG	AAAAATTTTAC	ATCCAACGCG	TTAGTGGTTT
15	33001	CTCGGTACAT	GTTAATGTTA	CAAAAATTTT	TTGCGTGTCTG	TTTTTATCCA	ACGCCAGATC
	33061	TTCAGGCTGT	TGGTATCTGT	AACCCAAAGG	TTGAACGCGA	TGAACAAATT	GGGGTATGGC
	33121	GTTTAAACGA	TCTTGCTGAT	GCGGTTGGTC	ATATTGTTGG	GACAATACAA	GGAATCCGAA
	33181	CGCAAATGAG	AGTGGGAATA	TCCAGCCTGC	GCACAATTAT	GGCCGATGCT	TCCTCAGCCC
	33241	TTAGGGAATG	TGAAAATTTA	ATGACTAAAA	CCTCCACTTC	TGCTATTGGG	CCTCTTTTTT
20	33301	CAACGATGGC	TTCCCGGTAT	GCACGGTTTA	CACAGGATCA	AATGGACATT	TTAATGCGTG
	33361	TTGACAAACT	AACAACAGGA	GAAAATATAC	CCGGTCTTGC	AAATGTAAGAG	ATTTTTTTTAA
	33421	ATAGGTGGGA	ACGAATAGCA	ACAGCTTGTA	GGCATGCCAC	GGCAGTC CCG	TCGGCCGAAT
	33481	CTATTGCAAC	CGTGTGTAAT	GAATTGAGGC	GCGGTTTAAA	AAATATACAA	GAGGATCGTG
	33541	TAAATGCCCC	AACCTCATAT	ATGAGTCACG	CCCGAAATCT	GGAAGATCAC	AAGGCAGCAG
25	33601	TTTCATTCTG	TATGGACTCC	AGGCAACAGT	TTATTGTGGA	TTCTGGA CCT	CAGATGGGCG
	33661	CGGTTTTAAC	TTCACAATGT	AATATAGGAA	CATGGGAGAA	TGTAAATGCA	ACGTTTTTAC
	33721	ATGATAATGT	TAAAATAACG	ACAACGGTCA	GAGACGTAAT	TTCAGAGGCT	CCGACGCTGA
	33781	TAATAGGACA	AAGATGGCTT	CGTCCAGATG	AGATTTTATC	TAATGTAAGAT	TTGCGTCTTG
	33841	GCGTACCCGG	GAATACAAGT	GGGAGTGACC	CTTAATATAA	AACAGGC GTG	TTTATGTACA
30	33901	TTAAAGTATT	TGTGGTTTTT	ATTGACTGGG	CGTTTCGTTT	GTATAAC GCT	GTTGTTGCTA
	33961	GTATTTTCAT	AACCTCCTAG	GTTTTTGGAG	CTACACGTGC	TTATTCAACG	CTCTTTGGGA
	34021	TTTGAATCAT	CGTAAACGTA	GCGTCCCTAC	CAGTTGAGCG	CGTAATT TTC	GTAAGCAATA
	34081	AAATGGATAT	AATTCGCGCT	ATAGCTGTCA	CTGTTGCGGG	AGTGGGAAGC	CGTAATCAAT
	34141	TTGACGGTGC	CCTGGGACCG	GCGTCAGGTC	TGTCATGTTT	AAGAACA TCT	TTATCGTTTT
35	34201	TGCATATGAC	ATATGCGCAT	GGAATTAATG	CAACCCGTGC	ATCAGACATG	ATTGATGGAT
	34261	GTTTACAAGA	GGGTGCAGCA	TGGACTACGG	ATCTGTCTAA	TATGGGGAGG	GGTGTCCAG
	34321	ATATGTTGTC	TCTTGTTGAT	CTCCCCAATC	GAATTTTATA	TATTAAA CTG	GGGGACACTA
	34381	CCAGTACGTG	CTGCGTTTTG	TCTAGAATAT	ACGGCGATAG	CCATTTT TTT	ACCGTTCCAG
	34441	ACGAGGGTTT	TATGTGCACA	CAAATTCCCG	CTAGAGCGTT	TTTCGAT GAT	GTGTGGATGG
40	34501	GACGTGAAGA	GTCGTATACA	ATTATAACTG	TAGACTCAAC	GGGAATG GCC	ATCTATCGTC
	34561	AGGGAAACAT	ATCTTTTATT	TTTGATCCAC	ATGGCCATGG	GACTATA GGA	CAGGCTGTAG
	34621	TTGTTTCGGT	GAATACCACG	GATGTGTACT	CTTATATCGC	ATCGGAG TAT	ACCCACCGCC
	34681	CCGATAACGT	AGAATCCCAA	TGGGCCGCTG	CATTAGTTTT	TTTTGTC ACC	GCAAACGACG
	34741	GTCCCCTAAG	CGAAGAAGCG	CTATCTTCGG	CAGTAACGCT	TATATAAC GGA	AGCTGTGATA
45	34801	CATATTTTAC	AGATGAACAA	TATTGCGAAA	AACTGGTTAC	AGCTCAA CAT	CCGTTGCTTC
	34861	TTTCACCTCC	TAATTCCACG	ACAATTGTGC	TTAATAAATC	GTCTATA GTA	CCTCTTCACC
	34921	AAAACGTTGG	TGAAAGTGTA	TCCTTGGAAG	CAACCCCTACA	TTCAACG TTA	ACCAACACGG
	34981	TTGCACTGGA	CCCTAGATGT	AGTTACAGCG	AGGTTGATCC	TTGGCAT GCG	GTTCTAGAAA
50	35041	CAACCTCGAC	TGGGTCTGGC	GTTTTGGATT	GTCGTCGTAG	ACGCCGT CCT	TCATGGACTC
	35101	CTCCTTCAAG	CGAGGAAAAAT	TTAGCTTGTA	TCGACGATGG	CTTGGA TAA	AATACACATT
	35161	CCACGGATAA	TTTACATAAA	CCCGCTAAAA	AGGTTCTCAA	ATTTAAA CCA	ACTGTAGACG
	35221	TGCCCGATAA	AACACAAGTG	GCACATGTAT	TACCCCGCCT	ACGAGAA GTT	ACTAACACCC
	35281	CAGACGTTGT	GTTAAATGTA	TCCAATGTAG	ATACGCCTGA	ATCCAGT CCC	ACTTTTTTCAC
	35341	GGAACATGAA	TGTAGGAAGC	AGTTTGAAAG	ATCGGAAGCC	ATTTCTA TTT	GAACAGAGTG
55	35401	GTGATGTCAA	CATGGTTGTC	GAAAACTAC	TACAACATGG	GCATGAA ATT	AGCAATGGAT
	35461	ACGTACAAAA	TGCGGTGGGT	ACGTTGGATA	CTGTTATTAC	CGGTCAT ACA	AATGTTCCCA
	35521	TTTGGGTAAAC	AAGGCCCTTG	GTTATGCCAG	ACGAAAAGGA	TCCATTG GAG	CTTTTTTATTA
	35581	ACCTCACCAT	TTTGCGTTTA	ACGGGATTTG	TGGTGGAAAA	TGGAACA CGT	ACACATCATG
	35641	GTGCTACAAG	CGTTGTATCA	GACTTTATAG	GTCCCTTTGG	GGAAATT TTA	ACAGGATTTT
	35701	CCTCCGCCGC	GGAACCTTATA	CGCGTTACAA	GTTTGATATT	AACAAAC ATG	CCGGGGGCGG

	35761	AATATGCTAT	TAAAACTGTT	CTCCGGAAAA	AATGTACAAT	TGGCATGCTC	ATTATCGCTA
	35821	AGTTTGCTCT	AGTTGCCATG	CGGGTTTCAGG	ATACAACCGG	CGCTTTACAT	GCCGAAGTAG
	35881	ATGTGTTAGA	AGCGGATCTA	GGAGGTTTCGT	CGCCCATAGA	CCTCTATTCT	AGACTGTCGA
5	35941	CAGGTCTTAT	AAGTATACTA	AATTCGCCTA	TTATTTCTCA	TCCCGGACTT	TTTGCCGAGC
	36001	TTATTTCCAAC	CCGTACAGGG	TCCCTGTCTG	AACGAATACG	TCTTCTTTGT	GAATTAGTCT
	36061	CGGCCCGGGA	GACACGCTAT	ATGCGTGAAC	ACACCGCGCT	TGTTTCTAGT	GTAAAGGCTT
	36121	TAGAGAATGC	ATTACGGTCT	ACCCGCAATA	AAATTGATGC	CATTCAAATA	CCAGAAGTTC
	36181	CCCGGAACC	CCCGGAAGAA	ACCGACATTC	CACCCGAAGA	GTTAATTCGG	CGTGTATATG
	36241	AGATACGATC	CGAAGTTACA	ATGCTATTGA	CCTCGGCTGT	TACAGAATAC	TTCACCCGCG
10	36301	GAGTGTTATA	TAGCACACGG	GCCTTGATCG	CTGAACAATC	CCCTAGGCGT	TTTCGGGTCTG
	36361	CGACCGCAAG	TACGGCACCC	ATTCAACGGC	TTTTAGATTTC	TCTTCCGGAA	TTGCACGCTA
	36421	AATTAACGGC	AATCATATCG	TCCCTGTCTA	TACACCCTCC	TCCTGAGACT	ATACAAAATC
	36481	TCCCCGTCGT	ATCTCTGTTA	AAAGAGCTTA	TTAAAGAAGG	GGAAGATTTA	AACACAGACA
	36541	CGGCTCTCGT	ATCGTGGTTA	TCTGTAGTCG	GGGAAGCTCA	AACCGCAGGT	TACTTATCCA
15	36601	GACGAGAGTT	CGATGAATTA	TCACGTACAA	TTAAAACCAT	TAATACACGC	GCAACGCAAC
	36661	GGGCTTCCGC	GGAAGCAGAG	TTGTCTTGCT	TTAATACGCT	AAGCGCGGCC	GTAGACCAAG
	36721	CCGTAAAGGA	CTATGAAACA	TATAACAATG	GTGAGGTCAA	GTATCTGAA	ATAACACGGG
	36781	ATGATTTTATT	AGCAACAATT	GTACGTGCTA	CAGACGATTT	GGTGCGACAG	ATAAAAATTT
	36841	TAAGTGATCC	AATGATCCAA	TCCGGTTTAC	AACCTTCGAT	TAAAAGACGA	TTGGAACAA
20	36901	GGCTTAAAGA	GGTTCAGACG	TATGCAAACG	AGGCCCGAAC	CACACAGGAC	ACAATAAAGA
	36961	GTGAAAACA	GGCGGCATAT	AATAAACTCG	GGGGGTTACT	TCGCCCGGTA	ACCGGTTTTG
	37021	TGGGACTTAG	GGCTGCAGTA	GATTTATTAC	CGGAACCTGC	TTCTGAGTTA	GATGTCCAAG
	37081	GAGCCCTGGT	AAATCTCAGG	ACCAAAGTCT	TAGAGGCGCC	GGTAGAGATC	CGTTCTCAAC
	37141	TTACGGGTGA	TTTCTGGGCG	TTATTTAACC	AATATCGAGA	CATTTTAGAA	CATCCCGGAA
25	37201	ACGCACGCAC	ATCTGTCTTA	GGAGGACTGG	GAGCTTGTTT	TACAGCTATT	ATCGAAATTG
	37261	TGCCGATACC	TACGGAGTAT	AGACCATCAT	TGCTTGCGTT	TTTTTGTGAC	GTGGCAGATG
	37321	TGCTTGATC	CGACATCGCG	ACCGTATCTA	CTAACCCGGA	AAGTGAGTCC	GCCATAAACG
	37381	CTGTTGTTGC	AACTCTTAGT	AAAGCGACGT	TAGTTTCATC	TACAGTGCCA	GCCTTATCCT
	37441	TTGTGTTGTC	GTTATATAAA	AAATATCAGG	CTTTACAACA	AGAAATTACG	AATACCCATA
30	37501	AGTTGACTGA	ATTACAAAAA	CAACTTGAGG	ATGACTTCTC	CACCCTAGCT	GTCTCATCTG
	37561	GACACTTGAA	GTTTATATCA	TCTTCAAATG	TAGATGATTA	TGAAATAAAC	GATGCGATAT
	37621	TATCAATACA	AACAAATGTG	CACGCCCTAA	TGGATACGGT	TAAACTTGTT	GAAGTTGAAC
	37681	TGCAAAAGCT	ACCCCCCAT	TGTATTGCTG	GGACATCTAC	CTTATCTCGA	GTAGTAAAGG
	37741	ATCTTCATA	ACTCGTCACA	ATGGCACATG	AGAAGAAGGA	ACAGGC AAAA	GTGTTAATTA
35	37801	CCGATTGTGA	ACGTGCACAT	AAACAACAAA	CGACTCGGGT	TTTGTATGAG	CGTTGGACAC
	37861	GTGATATTAT	AGCATGTCTG	GAGGCAATGG	AAACGCGCCA	TATATTTAAC	GGGACAGAAC
	37921	TGGCACGGTT	GCGAGATATG	GCCGCTGCGG	GAGGGTTTGA	TATACACGCA	GTTTACCCAC
	37981	AAGCACGTCA	GGTTGTAGCG	GCATGTGAAA	CTACAGCCGT	TACGGCATT	GATACTGTGT
	38041	TTCGCCACAA	TCCATATACC	CCCGAAAATA	CAAATATTCC	ACCACCTTTG	GCTTTGTTAA
40	38101	GAGGGTTAAC	ATGGTTTGAT	GATTTTTCGA	TTACGGCTCC	CGTATTCACC	GTTATGTTTC
	38161	CAGGTGTTAG	TATTGAGGGA	CTCCTTCTGC	TTATGCGTAT	TCGCGCGGTT	GTGTTATTAT
	38221	CCGCCGATAC	GTCTATTAAT	GGAATACCTA	ACTACCGAGA	TATGATATTA	CGAACCTCGG
	38281	GGGATCTATT	ACAAATACCC	GCATTGGCTG	GGTATGTTGA	TTTTTACACA	CGGTCTTATG
	38341	ATCAGTTTAT	AACCGAAAAGT	GTAACGTTAA	GTGAACCTAG	AGCAGACATC	AGACAGGCTG
45	38401	CCGGGGCTAA	ACTTACAGAA	GCAAATAAGG	CTTTGGAGGA	AGTAACTCAT	GTTCGGGCAC
	38461	ACGAAACGGC	TAAACTTGCA	CTTAAAGAAG	GTGTCTTCAT	TACATTACCA	AGCGAAGGTT
	38521	TATTGATTTCG	GGCTATAGAG	TATTTTACAA	CTTTCGATCA	TAAACGATTT	ATAGGAACGG
	38581	CATATGAAAG	AGTTTTACAA	ACAATGGTAG	ACCGCGATCT	AAAGGAGGCC	AACGCAGAGC
	38641	TTGCACAGTT	TCGTATGGTG	TGTCAGGCAA	CAAAGAACCG	TGCAATACAA	ATTTTACAAA
50	38701	ACATTGTTGA	TACGGCCAAT	GCCACTGAGC	AACAAGAAGA	CGTGGATTTT	ACTAACCTGA
	38761	AGACGTTATT	AAAAC TAACC	CCCCCTCCCA	AAACAATTGC	ATTGGCCATT	GATAGATCTA
	38821	CTTCCGTTCA	GGACATTGTC	ACGCAGTTTG	CATTGCTGTT	AGGGCGTCTG	GAGAAGAAA
	38881	CTGGTACGTT	GGACATTTCAG	GCGGTTGACT	GGATGTACCA	AGCTCGCAAT	ATTATTGACT
	38941	CCCATCCACT	AAGTGTGCGT	ATAGACGGTA	CCGGCCCCCT	GCATACTTAT	AAAGATAGGG
55	39001	TGGATAAACT	TTATGCGTTA	CGAACTAAAT	TAGATCTCCT	ACGACGACGA	ATAGAAACCG
	39061	GTGAGGTTAC	GTGGGACGAT	GCATGGACAA	CATTTAAAAG	AGAAACGGGG	GATATGTTGG
	39121	CATCGGGGGA	CACGTACGCT	ACTTCCGTAG	ATAGTATAAA	GGCACTCCAG	GCATCGGCGT
	39181	CTGTGGTTGA	CATGCTTTGT	TCCGAACCCG	AATTTTTTTT	ATTGCCCTGTG	GAAACGAAAA
	39241	ACCGTCTCCA	AAAAAAGCAA	CAGGAACGTA	AAACGGCGTT	GGATGTTGTG	TTGCAAAAAC

	39301	AAAGACAGTT	TGAAGAGACC	GCGTCTCGCT	TACGAGCTTT	AATTGAACGT	ATTCCAACGG
	39361	AGAGTGACCA	TGACGTTCTT	CGTATGTTAT	TACGTGATTT	CGATCAATTT	ACACATTTGC
	39421	CTATATGGAT	AAAAACACAG	TATATGACAT	TTCGAAATTT	ACTCATGGTA	CGGTTAGGCT
	39481	TGTATGCAAG	TTATGCTGAG	ATTTTTCAC	CCGCGTCTCC	AAACGGAGTA	TTTGCTCCTA
5	39541	TTCCCGCCAT	GTCGGGTGTA	TGTCTAGAAG	ACCAATCCCG	ATGCATTCCG	GCGCGGGTGG
	39601	CCGCGTTTAT	GGGGGAGGCG	TCTGTGGTGC	AAACGTTTAG	GGAAGCCAGA	TCTTCTATAG
	39661	ACGCTTTGTT	TGGAAAAAT	TTAACCTTTT	ACTTGGATAC	TGATGGGGTT	CCACTTCGAT
	39721	ATAGAGTGTG	TTATAAATCA	GTTGGGGTTA	AACCTTGGAAC	CATGCTATGC	AGTCAGGGTG
	39781	GATTATCTTT	ACGACCGGCA	CTTCCCGATG	AAGGTATTGT	GGAAGAAACT	ACACTATCGG
10	39841	CATTACGCGT	GGCCAATGAG	GTCAATGAGC	TACGCATTGA	ATACGAATCC	GCTATAAAAT
	39901	CCGGGTTTTT	TGCCTTTTCC	ACCTTTGTTA	GGCATCGCCA	CGCCGAATGG	GGTAAAACCA
	39961	ACGCACGCAG	AGCCATTGCA	GAGATATACG	CCGGCCTTAT	AACAACAACA	TTGACACGAC
	40021	AATACGGGGT	TCATTGGGAC	AAGCTTATTT	ATTCTTTTGA	AAAAACACCAC	CTAACTTCTG
	40081	TAATGGGCAA	TGGACTAACT	AAACCAATCC	AGAGAAGGGG	TGATGTACGC	GTATTAGAGT
15	40141	TAACCTTATC	TGATATTGTA	ACTATTTTGG	TTGCCACAAC	CCCGGTACAT	CTTCTCAATT
	40201	TTGCTAGATT	GGATTTAATT	AAACAGCATG	AGTATATGGC	CCGTACCCTC	AGACCCGTAA
	40261	TCGAGGCCGC	ATTTAGAGGT	CGTTTACTCG	TTGCGTCATT	GGATGGAGAC	CCGAAAGGCA
	40321	ATGCCCGGGC	CTTTTTTAAT	GCCGCCCCAT	CCAAACATAA	ACTCCCGTTA	GCTCTTGAT
	40381	CAAACCAAGA	TCCTACCGGC	GGGAGAATAT	TTGCATTTTCG	GATGGCAGAT	TGGAAACTTG
20	40441	TTAAAATGCC	ACAGAAAATA	ACGGATCCTT	TTGCGCCATG	GCAACTTTCC	CCCCCCCCCG
	40501	GGGTAAAGGC	CAATGTCGAT	GCAGTTACCC	GTATAATGGC	AACAGATCGT	CTTGCGACCA
	40561	TTACTGTACT	TGGGCGCATG	TGTCTCCCGC	CAATTTCTTT	AGTGTCAATG	TGGAATACGC
	40621	TGCAACCGGA	GGAATTGCGA	TACAGAACAC	AAGATGATGT	GGACATTATA	GTGATGCGA
	40681	GACTGGATTT	GTCATCCACG	CTTAATGCAA	GATTTGATAC	CGCTCCACAG	AATACCACGT
25	40741	TAGAGTGGAA	TACAGACCGT	AAAGTAATTA	CAGATGCTTA	TATTCAAACC	GGGCAACGCA
	40801	CAGTTTTTAC	AGTAACGGGG	GCGGCACCAA	CTCACGTTTC	TAATGTAACA	GCGTTTGACA
	40861	TAGCAACTAC	GGCTATTTTA	TTTGGGGCTC	CTTTGGTTAT	TGCCATGGAA	CTTACATCCG
	40921	TTTTTTTCACA	AAATTCCGGA	CTTACTTTGG	GGTTAAAATT	ATTCGATTCC	CGGCATATGG
	40981	CTACAGATTC	GGGTATATCC	TCAGCCGTAT	CTCCCGATAT	TGTTTCTTGG	GGGTACGTT
30	41041	TACTGCATAT	GGATCCTCAC	CCAATTGAAA	ATGCATGTTT	AATTGTCCAA	CTAGAAAAAC
	41101	TGTCCGCGCT	CATTGCAAAC	AAACCTCTTA	CAAACAATCC	CCCGTGTTTA	CTGCTATTGG
	41161	ACGAACATAT	GAATCCCTCT	TATGTTTTAT	GGGAACGAAA	AGACTCGATT	CCAGCTCCGG
	41221	ATTATGTGGT	CTTTTGGGGG	CCAGAATCTC	TTATTGATTT	GCCGTACATC	GACTCCGATG
	41281	AGGACTCTTT	CCCCTCGTGT	CCCGATGATC	CATTTTACTC	GCAAATTAAT	CCCGGTTATG
35	41341	CGCCCCAAGG	CCCCCAAAAC	CTCGACACAA	CTGATTTTTA	CCCAACGGAG	CCACTATTTA
	41401	AGTCTCCCGT	TCAAGTTGTT	AGAAGTTCCA	AATGTAAAAA	AATGCCCGTC	CGGCCCGCGC
	41461	AGCCCGCGCA	GCCCGCGCAG	CCCGCGCAGC	CCGCGCAGAC	CGTCCAGCCC	GCGCAGCCCA
	41521	TAGAACCGGG	CACACAAATA	GTGGTACAAA	ATTTTAAGAA	ACCCCAAAGC	GTAAAAACAA
	41581	CCCTTAGCCA	AAAAGATATT	CCCTTGTATG	TGGAAACCGA	ATCAGAAACG	GCTGTGCTTA
40	41641	TACCTAAGCA	ATTAACCACC	TCCATTAAAA	CAACCGTTTG	TAAAAGTATT	ACCCACCAA
	41701	ATAACCAATT	GTCGGATTGG	AAAAATAATC	CACAGCAAAA	CCAAACGTTA	AACCAAGCGT
	41761	TCAGTAAACC	AATACTTGAG	ATTACCTCCA	TTCCGACAGA	TGACTCGATA	TCTTACCGGA
	41821	CTTGGAATTGA	AAAATCAAAT	CAAACACAAA	AACGGCATCA	AAATGACCCT	CGAATGTATA
	41881	ACTCCAAAAC	AGTATTCCAC	CCTGTAAATA	ACCAATTACC	TTCTTGGGTT	GACACGGCAG
45	41941	CCGATGCCCC	CAAACCGGAC	CTATTGACAA	ACTATAAAAC	AAGACAGCCG	TCGCCAAACT
	42001	TTCCGCGGGA	CGTACACACA	TGGGGCGTAT	CTTCTAACCC	GTTTAACTCA	CCGAACAGAG
	42061	ACCTATATCA	AAGTGATTTT	AGTGAACCTT	CTGACGGCTA	TAGCAGTGAG	AGTGAAAATT
	42121	CTATCGTACT	AAGTCTCGAC	GAACATCGGT	CATGTCGCGT	TCCTAGGCAC	GTACGCGTTG
	42181	TTAATGCCGA	TGTAGTCACC	GGTCGACGTT	ATGTCGGAGG	GACCGCCTTG	GGAGCACTGG
50	42241	CACGTGTTAAG	CCAGGCATGT	CGGCGTATGA	TCGACAACGT	TAGATATACA	CGTAAACTTT
	42301	TAATGGACCA	CACGGAAGAT	ATATTTCAAG	GCCTGGGGTA	TGTTAAATTG	TATTAGATG
	42361	GAACATATAT	ATAAAGTAGC	GCCATTAAAA	AAAAAAGGAT	TAATTTCTGT	TATTTCTGT
	42421	GTATTTTAT	TTACACCCTA	CGACTTCTTG	AAGCGTTTCC	AGATTGTCCC	GTGTGTGACA
	42481	AGGTCTGTCC	CTTACCCCCC	TGGGGGGTAT	TTTGGGTTGG	GGGCGGGGTA	GACTGTGGCA
55	42541	CGCCTTGGGC	CGCGGGCGGT	GATCCGGTTG	TTGGCTGGAC	AGTGCTTGAC	TGTGCTCCCT
	42601	GTTGCGGTTG	TTGTCCAGAA	GACCCCGACA	CCACGTGTTG	CTGTTGTCCA	ACGGATGCCG
	42661	ACGTCGTTTG	AGGTGGGGGG	TGTTGCGGGG	ATGATCCCGA	AAACGCCAAC	GCGGCGGGCT
	42721	GTTGTAAAGC	AGACTGATCG	GCGCTCTGTG	TTTTTTGCGG	CAATATAGTA	GGCCCCGAGA
	42781	TTCCCAAAC	CATGGATGGA	TTTGGGGGTT	GTGGTCGTAT	AATACGCGGG	TTAAACGTAC

	42841	GTTTTAAGCC	AACCGTTGGT	CTTAACCATG	TCATAGGGTC	AGTCTCGGCA	AACATGGCCG
	42901	TTCGGCGTAT	CGTATTTGCA	TTATGGTTAG	CGCGTGCACG	CGCGGCACTG	GCCGCGGCTC
	42961	CCACGGTGTA	AATGCTTCTG	GCATCAGCGA	TGTCCACACG	GTGACCAGGT	TGCAAAAGTC
5	43021	CACTGGCGTT	TAAAAGTCGT	ATTAAAGCAA	CGGGGGTGTA	AGCCGCAATT	GCTTCCACCG
	43081	AAAATGTGGT	GGGGTTGCTG	GGATCAAAGA	CTACACGAGA	CGATGCGGGT	TGTGTCATCG
	43141	TTTATTAGTT	TACGGGACAA	TCGATAACAG	CATACACGTA	CATCTGCGCA	GGATATGTAC
	43201	GGAAAGGCAA	TTTATTTCCA	GAAAAGCACG	GCCCCAATA	CAACTACCAG	TACAATTACA
	43261	ATGAACAGGG	CATATGTCAC	GTTAGCTACG	GGTAGAGCAA	GTTTCCAGAC	ACGCGTAGTT
	43321	TGGGTATCGG	GTAACGCAGG	TTTAATGTCA	CTTTGCAATT	GAACAGACGT	GTTTGGACTT
10	43381	CCGTTCTCGG	GTGGGGATCT	GAATGAAGGC	CGCCAGCGTA	TATATTCATC	CAAATTATTG
	43441	CCAGTTTCCT	TATACATGTA	TGCATCCGTG	GCGCGGGCCA	TAAGTTTAAT	GGTGCGAGAT
	43501	GGATCTTCCG	GTCCCATAAA	ACGAAAAGAT	AAC'TGAACAT	ATGGCATTCT	CACAAAGCAG
	43561	TTCACCCACA	TAAAGCCTG	GAGAGGTCGG	CGGTCAATAC	CCCCACCTCG	TTTAATTGAT
	43621	TCCAAAGCAG	ATAGGTTGAT	ACCGTACTTT	AACGTTGAAC	TAAGAATCAC	GTTATTACTG
15	43681	TCAATGGACA	CTTCAGCCAC	TGGTGCCTTA	GTCCGACGAA	AAAAAAAACC	TTGAAATAGC
	43741	ACAGACACCC	CCGTATTTTG	AATTTTATATG	TAAGGGTCAC	AATCTACTTG	CGCCCAATTC
	43801	GCCATTAAAC	GCATAATATA	CTCTACCGGA	AAGGCTTCGG	ATACGTTGTC	TTCGCCGTTA
	43861	AACTGAAAAA	CACAACGGGC	GGGGGGGCGT	TGTGGATCAA	ATATTGGAAG	ATCCCCATCG
	43921	CAACATTGAA	GAGCGCTTGG	TACCACCAAC	CGAATACGTT	GTAAAAGATT	ATCTCCGCAA
20	43981	CCCCTCCTGC	GTTCACTCCG	TACATACGTT	CTCCGTGACA	TATTGATCTA	AGGTTGCAAA
	44041	CCAAGGCACA	CGCGTGAAGT	ATTTAGACCA	TTTATCGTGG	GATATAGGAG	GAGTTTGGAG
	44101	TGATCCACCC	CCTGACGACT	TATTAATGCG	TTTATTTTCC	CCATGTATTA	AGCATCCTTC
	44161	AATATTTTCT	GCAAATCTAG	AAATTTGGCC	ATGACTCCCG	CAAAGCGTTC	ACGGCGACGG
	44221	GTCACGCTGG	CACATGTGTT	ACATGGAACA	ACATAAGCAG	ATTTTCTCTGA	ATTCGTTACTT
25	44281	TCTTTATGTT	TTAAAACGGA	CGCCAGGCGA	CTGGTAAATG	ATATATAATT	TAATTGAGCG
	44341	TCAGTTGTAG	GTAGAATTGC	TTCTATTTCC	GGGGGAATTA	AATTTTCAAA	CCAAACGGAA
	44401	AGAGTAAAGG	TGCTATCAGC	AGGAAAATAC	TTTGACTCCA	GTGCATCGAT	ATTTAATAGA
	44461	TTAACATCGG	TGTCTGTAAT	TAAATCGCGG	GCCCTCATCC	CAGAGATGGA	TCGGGTAGAA
	44521	TCAGAAGAAC	CCATGGATGG	ATTCGAATCG	CCCGTATTCT	CCGAAAATAC	ATCTTCTAAT
30	44581	TCCGGATGGT	GTTCCGACGC	ATTTTCCGAT	TCGTACATCG	CTTATAATCC	AGCCCTTCTG
	44641	CTAAAAAACG	ATTTGTTATT	TTTCAAGATTG	TTATTTGCCT	CCCCTTAAT	AAATGTTCCC
	44701	CGTGCAATAG	AAAACAACGT	CACCTATGAG	GCCTCTTCGG	CGGTAGGTGT	GGATAATGAA
	44761	ATGACCTCAA	GTACCCTGA	ATTTATAGAA	GAAATTGGAG	ACGTTTTGGC	TTTAGACAGA
	44821	GCCTGTTTGG	TCTGCAGAAC	GCTTGATTTG	TATAAACGTA	AATTTGGACT	GACACCGGAA
35	44881	TGGGTTGCGG	ACTACGCCAT	GTTATGTATG	AAAAGTCTGG	CATCCCCGCC	CTGTGCAGTT
	44941	GTCACTTTTA	GCGCTGCCTT	TGAATTTGTG	TATCTTATGG	ATCGTTACTA	CCTGTGCCGT
	45001	TATAACGTTA	CTTTGGTTGG	GTCTTTTGCC	AGGCGCACGC	TTTCCCTGTT	AGATATACAA
	45061	AGACATTTTT	TTTTGTCATG	ATGTTTTTCGT	ACCGATGGAG	GGTTACCAGG	TATACGACCG
	45121	CCCCCCGGTA	AGGAAATGGC	CAACAAAGTA	AGATATTCCA	ATTACTCCTT	TTTTGTACAG
40	45181	GCGGTAGTTA	GGGCTGCATT	ACTATCGATC	AGCACGTCTC	GTTTAGACGA	AACCGAAACG
	45241	CGTAAGTCTA	TTTACTTTAA	TCAGGACGGA	CTGACTGGAG	GCCCTCAACC	TTGACGGGCC
	45301	GCCTTGGCTA	ATTGGAAGAA	TTCGCGCGCG	ATGGTTGACT	GTTTCATCATC	GGAACATCGC
	45361	ACAAGTGGGA	TGATTACCTG	CGCGGAACGT	GCATTAAAAAG	AGGATATAGA	GTTTGAAGAT
	45421	ATATTAATAG	ACAAACTTAA	AAAATCGTCT	TACGTAGAAG	CAGCTTGGGG	TTACGCAGAC
45	45481	TTGGCTTTAT	TATTACTGAG	TGGGGTTGCT	ACTTGGAATG	TAGACGAGCG	TACAAATTGT
	45541	GCTATAGAAA	CTCGCGTTGG	ATGTGTTAAA	TCATACTGGC	AGGCGAACCG	GATTGAAAAC
	45601	TCCAGGGACG	TTCCAAAACA	ATTTTCCAAA	TTTACGAGCG	AGGATGCCTG	TCCCGAAGTA
	45661	GCATTTGGGC	CTATTTTGTG	AACTACCTTA	AAAAACGCAA	AGTGCCGTGG	TCGCACGAAT
	45721	ACCGAATGCA	TGTTATGTTG	TTTATTTAACC	ATAGGGCACT	ATTGGATCGG	TTTGCGGCAG
50	45781	TTTAAAAGGG	ATATATTAGC	ATACTCAGCA	AATAACACAA	GT'TTATTTGA	CTGTATCGAA
	45841	CCTGTAATCA	ATGCATGGAG	CCTAGATAAC	CCCATTA AAC	TTAAATTTCC	ATTTAATGAT
	45901	GAGGGTCGAT	TCATAACCAT	TGTAAGAGCA	GCAGGTTCCG	AGGCCGTATA	TAAACATTTA
	45961	TTTTTGCGATC	TCCTATGCGC	TCTCTCGGAA	TTACAGACAA	ACCCTAAAAT	TTTATTTGCC
	46021	CATCCTACAA	CCGCGGATAA	GGAAGTGTG	GAGTTATATA	AAGCCCAACT	GGCTGCACAA
55	46081	AACAGATTTG	AAGGTCGTGT	ATGTGCTGGC	CTGTGGACAT	TGGCGTATGC	ATTTAAAGCC
	46141	TACCAGATTT	TTCCACGCAA	ACCAACCGCC	AATGCCGCAT	TCATACGAGA	TGGAGGACTT
	46201	ATGCTTCGAC	GACATGCAAT	ATCGCTGGTC	TCCCTCGAAC	ACACCCTATC	GAAGTATGTC
	46261	TAGGCGATAT	AAATCCGTAT	CTCGGAGCGG	GCCTTCGATG	CGTGTACGCT	CCGAAACGCC
	46321	ATGCCGCCGT	CAAACCATTC	GAGGAAAAC	TATGTCAAAG	GAGCGGTCTG	TGTACCGCCA

	46381	TTATTTTAAAT	TACATCGCAA	GGTCCCCCCC	AGAAGAACTA	GCTACCGTTA	GAGGCTTAAT
	46441	CGTGCCAATT	ATTAAGACGA	CCCCTGTCAC	CCTTCCGTTT	AACTTGGGTC	AGACAGTGGC
	46501	GGATAACTGC	CTGTTCGTTAT	CCGGAATGGG	TTATCATTTA	GGTCTCGGAG	GTTATTGTCC
	46561	GACATGCAC	GCATCTGGAG	AACCGCGTCT	ATGTCGAACC	GATCGGGCGG	CTCTGATACT
5	46621	AGCATATGTT	CAGCAGCTTA	ACAACATATA	CGAATATCGT	GTGTTTCTTG	CATCCATTTT
	46681	GGCGCTATCA	GACCGAGCCA	ACATGCAAGC	AGCGTCCGCT	GAACCCCTAT	TGTCGAGCGT
	46741	ATTGGCACAA	CCGGAATTAT	TTTTTATGTA	TCATATTATG	AGGGAGGGGG	GCATGCGAGA
	46801	TATACGCGTA	CTTTTTTATC	GTGATGGAGA	TGCCCGAGGG	TTTATGATGT	ATGTTATATT
	46861	TCCGGGGAAA	TCTGTTTACC	TCCATTACAG	ACTAATCGAT	CATATACAGG	CCGCGTGTCC
10	46921	GGGGTATAAA	ATAGTCGCAC	ACGTTTGGCA	GACAACATTT	TTACTGTCGG	TATGTCGCAA
	46981	CCCAGAACAA	CAAACAGAGA	CTGTGGTGCC	ATCCATTGGA	ACATCGGACG	TTTACTGTAA
	47041	AATGTGTGAC	CTTAACCTTG	ATGGAGAATT	GCTTTTGGAA	TACAAAAGAC	TCTACGCATT
	47101	ATTTGATGAC	TTTGTTTCTC	CTCGGTGATT	TCAGCTTCAG	TGTTTCATTTT	ATTATCCCAG
	47161	CACGGGGCGT	GTATACAAAC	AAAGCCTGCC	GCCTGCAAGC	GGTTTAGCAT	TTTAACGTTA
15	47221	ACAACTCGTG	TCTCTGGAAT	AAAACGTTT	AAAAGCCGTT	CTGTGAGTTT	AGTGTCGTTT
	47281	CCAAATAACG	CCTTAAAGT	TACACTCGCC	GTCCCAATGA	GATGAGAAAA	ATAATAGTCA
	47341	ATGTTTAAAG	ACAGCCCGTG	TGATGTTACG	TGAATGGGAT	CTTCCGCTAA	GTCAGATATT
	47401	ATTAACCTTAC	GCTTTGCTTC	CCACACCCGT	TTACCTGCGG	TATTCTGTAA	AGGATCTCCA
	47461	CGTAGCAAAG	CTACACTTTT	TGCATCAGCC	TCCACTTCGT	CTGTGGGGGC	CACAATAACA
20	47521	TAAGGGATGC	GTTCTCGAAC	GTTTGGGATT	TGACCCTGTC	TCATTACTAA	TTTATAATAT
	47581	ACTGTTAAGT	GAGCCAAGCG	ACGGTTTATG	TAGGCGGATG	GTGGACGACT	AAGCTCGGCC
	47641	GTCATAACAA	ACTTATTAAT	ATCCAATTTG	GGTGATGTAA	TCTGGCGATG	TGCATCTGCA
	47701	ATTATGCGTC	CAAACCCGGC	CATCCCAGAC	GGCATGGCCC	GTCTATTCCA	TTCAGCAATG
	47761	GAAACACACG	ACGCCTCCGC	CGCAGCACGC	GAGACGGTGT	CGTCATATA	CAACAGTTCT
25	47821	ACAAGTTTGC	GGGCAATAATC	GTTAATAAAT	TGACAGTTGT	TTTTTCTAAC	CAAGTCGACT
	47881	CCCTTCATTA	AAACCTTTCC	GCCGTAAAT	ACCCCAATGT	ACTTTTTCTT	TGTTATAAGC
	47941	AAAAGTTTTA	TAAAAGTTTT	TTCACACTCC	AACCTTTATAG	GAGGACAAAA	CAGAGCCGTT
	48001	GAAATTATAT	GTGCCATTTT	CTCGCCGATT	TTAGCTATCC	CCTCAACACT	AACACCCTTG
	48061	AATCGGATAA	ACACAGAATC	CGTATCTCCA	TATATAACCT	TTACCTCGTA	CGTTTTTTTG
30	48121	GAGAGAACGC	TACTTTCAAT	GTCTGGAAAC	GCTGTAATAA	AACGTTCAAA	TGCGGCCCCAG
	48181	TTATTATGAA	TATAATCTCT	GGTACTTAAT	AACATTTGAC	GGCCAATTGT	AGTGACAGTG
	48241	GCCGCTACGT	ATAAACATGG	CAGAAATCCC	TGCGCAACTC	CAGTAAAACC	GTACACGGAA
	48301	TTACAACTA	CTTTTATCGC	GGCTTGTTGT	TTGTCTAATA	ACACTGCTTC	ATCTGAAGAA
	48361	CTTCCGGGTA	TGCGCGCTCT	AATAGCCTTG	CGCATAGCCA	ACCAGTCTTT	TAAAAGAACA
35	48421	CCCAGCAGAC	TTTCTCGAAC	GTTAGAGCGC	ACAAAAAATA	GACGTTTTC	TCCAACGTGA
	48481	AAGGTGGCAT	AATCGGATGG	ATTCAAACGT	TTAACCGTCT	CAAAATTTAA	CGTTAGCGTG
	48541	GTAACACATA	AGTTATGGGC	CTGAATTATA	CTTGGATATA	AACTTGCAAA	ATCCAATACG
	48601	ACCACCGGAT	CGATATAAAA	TCCCGTATCA	GGGTCAAAAA	CCCTGGCTCC	TTTATATCCT
	48661	ACATTTGCGC	CACTTGACGT	ACCACTGGGA	GAAACGCTCT	CGTCTTCATC	CATCTCTTCC
40	48721	TCAACATCCC	CGACATCGGG	AATAACATCC	TTATATTCAA	AAGTAGCTGG	GTATCCCCCA
	48781	TCGGGTAAAA	TAAATCCTCG	AGACGAAGCC	AGTCCTAATA	AACAGGTGTA	AATCCTAACC
	48841	TGCTGTCCGT	CGTAAATAGC	CTTGTTTAAA	GTAATTCTAG	CTAGCCTTGC	AACCGCGGAT
	48901	AACTCAAGGT	GTGGTAAATA	TTTAAAAAAC	AGTTTCCCCA	CAAGAGCCGA	GTCTTGATA
	48961	CAATATTAC	CAATAATTCC	TCGTGTATTC	GGTCCACTAG	CGTAATATCC	CGGAATGTCT
45	49021	TTGTAGGGCA	AATCTCTCTT	GGACTCATTT	AGAGCTTCAC	GTGCAACCGA	ATCTAATTTA
	49081	TAACCTCGAG	GTTTAAATTT	TTTCACTTGA	ATTGCATACA	TATCCAGAGA	TATGAGACCG
	49141	TTGATCTTTA	CCTTGCTTCG	TCGCTGAAAT	CCGGATTTGC	CAACATCCCA	TATCTTAAAC
	49201	AGACCCCCAC	GGTTTATACT	GCCATAACCA	TCAAGCTTGA	GACTGTATAT	AGAATTAAGT
	49261	TTCTCCATAA	TAAACGCCCA	ATCAAAATTA	ACAATGTTAT	AACCTGTGGC	AAACTCGGGA
50	49321	GCGTACTGTT	TTACGAGGGT	CATAAATGCA	ATTAATAGCT	CGAATTCAT	ATCAAACCTC
	49381	AGCAGACTCG	GCTCCGGTAA	CCCCGCTCC	TTTCAATTCCT	GTACATACCT	TTGTGGTAAAG
	49441	TCACAAGAGC	CAAGGGAAAA	CAGTAAAATG	TGTTCTAAAG	ACTGTCGAGG	GATTGAATAT
	49501	AATAGACAAG	AAATTTGGAT	TACAAGATCC	TCCAGATGTG	TTGCATCGGG	AAACGCCAGC
	49561	TCATTAGATC	CTCCTGATTT	ACATTCATAA	TGCAAAACATA	ACAACCTGTA	GTCAGGCCAT
55	49621	GAGTCATCGT	TTGGTATAGC	CTGCAGATTA	TCCGACATGC	AGTCAATTTT	AACGTCGCTT
	49681	AACGTTAATT	GGCGACTTGC	CGGTGCAACT	CGAACACGTT	CCCCATCAAC	TCCAGGTTTT
	49741	AGTTGATACC	AACCAAAACT	AACAAAGCCG	GGATTATCCA	TTAGAAAACG	AGTGGTAGCG
	49801	TCTACCCGAC	CTTCATACTT	TTTCAACTCC	GGGTGAAAGT	TATCACAAAG	ATAATTTGTA
	49861	AATTTAGATG	AGGGAGAATA	CACCCTGTAA	AACGCACATG	GCTGTGTATC	GTAGTAATAA

	49921	ACATCTGTGC	GCTCAATAAC	CTCAACGCGA	AAGCTTTCTG	GAGATGCGCT	TTTAAACGAG
	49981	GTACCATGAA	AAGCGTTCTT	GTCTCCATTT	AACGTTGCAT	CATTTTGTGT	TATCATAGAA
	50041	CTGCGTAAAC	ACTCGGCAAG	TAATACAGAT	AACGCTAC	CGGAACGTAT	GCCACAAGCG
5	50101	GTATCCACCT	CGGCTTTGTT	TATATAAAAA	TATTGACAGA	TGCCGTATAC	ATGAACTGCC
	50161	ACCCTTTTTT	CACATCGGGA	CATGCCAAGT	AAAGTAATAA	CGGTACCAAG	CGGTCTGTGT
	50221	GCAGTTGCAA	ACCGGGATAC	ATCTCCATTA	GACGCGGCTT	CTGTTGTTTC	GACAATATCA
	50281	TATACATGGA	ATGTGTTAAA	GCGGGGCTCA	AACTTATCCC	CACGAAAGTC	GATTTCCCCC
	50341	CAAATATTCA	CGCGTCTAGG	CCAGGGGCTG	GAACAACGAA	AATCCAGAAT	CGGAACCTCT
10	50401	TTTCCATTAC	AGTAAACTTT	AGGCGGTGCA	CTAAGTGATC	CGACGTGAAC	CCCCTTTCGT
	50461	TCTTCCATGG	GCACATCTTC	ATCTAAACAT	TTAGGGGCCA	AAAATTGAAA	CGATGACATG
	50521	GTAGTTTTGT	AACATGAAG	AAATTCTCTG	TTACTACCGC	GCCCGGTTCT	TGGGTTATAT
	50581	TTAATCCCTG	ATGCTTGGGT	TAAAAAGGGA	TTACAAAACC	CCGTTCTGAT	CGCCATTTTA
	50641	TGTTAACGAT	TGATAATCTT	GTAAAAAGCC	AGTGTTACTG	AGTAACACAA	CCCCACGCCC
15	50701	TTCTAATACA	TAAAGTGTA	TCACGTGATT	TGTTGTGGTT	TCCGCATATG	TAATACCCGT
	50761	TTAAAAGCCT	CTCTTCTTAA	TGTATCGACA	GACTGGGTTT	TGGGTGGTCA	TTTGACCCTG
	50821	CCAACAACCC	CCCATTTATTA	CGAGTACTTC	ACCAAAATGG	AAAATACTCA	GAAGACTGTG
	50881	ACAGTGCCCA	CGGGGCCCTT	GGGTTACGTT	TATGCGTGCC	GGGTTGAAGA	TTTGGATCTG
	50941	GAGGAAATTT	CATTTTGGC	CGCTCGTAGC	ACGGACTCTG	ATTTGGCTTT	ATTACCTTTG
20	51001	ATGCGTAATT	TGACCGTGGA	AAAACTTTT	ACATCCAGCC	TGGCGGTGGT	TTCTGGAGCA
	51061	CGCACTACGG	GTCTTGCCGG	AGCTGGTATT	ACCTTAAAA	TCACTACCAG	TCATTTCTAT
	51121	CCATCTGTCT	TTGTCTTTCA	CGGAGGCAAA	CACGTTTAC	CCAGCTCCGC	GGCCCCAAAT
	51181	CTCACACGCG	CGTGTAAACG	GGCTCGAGAA	CGGTTTGGGT	TTTCACGCTG	CCAAGGGCCT
	51241	CCTGTTGACG	GTGCTGTTGA	GACGACCGGC	GCTGAGATAT	GCACCCGCCT	TGGATTAGAG
25	51301	CCAGAAAATA	CAATATTATA	CTTGGTGGTC	ACGGCATTTG	TTAAGGAAGC	CGTATTTATG
	51361	TGCAACGTGT	TTCTGCATTA	TGGAGACTC	GATATTGTTT	ATATTAACCA	TGGGGATGTT
	51421	ATACGTATAC	CGTTATTTCC	GGTACAACCT	TTTATGCCCC	ATGTTAACCG	TCTGGTACCC
	51481	GACCCATTCA	ACACTCATCA	CAGGTCTATC	GGAGAGGGTT	TTGTATACCC	AACACCCCTT
	51541	TATAACACCG	GGTTGTGCCA	TTTAATACAT	GACTGTGTTA	TTGCTCCCAT	GGCCGTTGCC
30	51601	TTGCGCGTCA	GAAATGTAAC	TGCCGTGCGC	CGAGGAGCGG	CCCACCTTGC	TTTTGATGAA
	51661	AATCACGAGG	GGGCAGTACT	CCCCCCTGAC	ATTACGTACA	CGTATTTTCA	GTCTCTTTCA
	51721	AGTGGAACCA	CTACCGCCCC	TGGAGCGCGT	CGAAACGATG	TCAACTCCAC	GTCTAAGCCT
	51781	AGCCCATCGG	GGGGGTTTGA	AAGACGGTTG	GCGTCTATTA	TGGCCGCTGA	CACAGCCTTG
	51841	CACGAGAAG	TTATATTCAA	CAGTGAATTT	TACGAAGAAA	CTCCAACGTA	TATCAAAGAA
35	51901	TGGCCAATGT	TTATAGGCAT	GGAGGGCACT	TTGCCAAGGC	TAAACGCTCT	GGGGTCATAT
	51961	ACCGCTCGTG	TGGCCGGGGT	CATTGGTGCG	ATGGTTTTC	GCCCAAATTC	TGCGTTGTAT
	52021	CTAACTGAGG	TGGAGGATAG	CGGGATGACC	GAAGCCAAGG	ATGGGGGACC	GGGTCCATCA
	52081	TTTAATCGAT	TTTACCAGTT	TGCCGGACCT	CATTTAGCTG	CGAATCCCCA	AACAGATCGA
	52141	GATGGCCACG	TTCTATCCAG	TCAGTCTACG	GGTTCATCAA	ACACAGAGTT	TAGCGTGGAT
40	52201	TATTTGGCAC	TCATTTGTGG	ATTTGGAGCA	CCCCTGTTGG	CGCGACTGCT	TTTTTATCTA
	52261	GAACGCTGTG	ACGCTGGTGC	GTTTACAGGG	GGTCACGGGG	ATGCGTTAAA	ATATGTTACG
	52321	GGGACCTTTG	ACTCTGAAAT	TCCATGTAGT	TTATGTGAAA	AACACACGCG	GCCGGTATGC
	52381	GCTCACACAA	CAGTACACCG	ACTTAGACAA	CGCATGCCGC	GATTTGGACA	AGCCACCCGT
	52441	CAACCTATTG	GGGTGTTTGG	AACAATGAAC	AGCCAATATA	GCGACTGCGA	TCTCTAGGA
45	52501	AACTATGCTC	CATATTTAAT	CTTTCGAAAA	CCCGGGGATC	AAACGGAAGC	AGCAAAGGCA
	52561	ACCATGCAGG	ACACTTATAG	GGCTACACTA	GAACGCTTGT	TTATCGATCT	AGAACAAGAG
	52621	CGACTACTGG	ATCGCGGTGC	CCCATGTTCT	TCCGAGGGAC	TATCGTCTGT	CATTGTGGAT
	52681	CATCCAACGT	TTCGTGCGAT	ATTAGACACA	CTGCGTGCGC	GTATAGAACA	GACAACAACA
	52741	CAATTTATGA	AAGTGTTGGT	TGAGACCCGC	GATTATAAGA	TCCGTGAAGG	ATTATCCGAA
50	52801	GCCACCCATT	CAATGGCGTT	AACGTTTGAT	CCATACTCAG	GAGCATTTTG	TCCCATTACC
	52861	AATTTTTTAG	TTAAACGAAC	ACACCTAGCC	GTGGTACAAG	ACTTAGCATT	AAGCCAATGT
	52921	CATTGTGTAT	TTTACGGACA	GCAAGTTGAG	GGGCGGAAT	TTTCGTAACA	ATTTCAACCT
	52981	GTTTTGCGGC	GGCGTTTTGT	TGACCTGTTT	AATGGGGGGT	TTATATCAAC	ACGCTCTATA
	53041	ACCGTAACAT	TATCTGAAGG	TCCTGTATCC	GCCCCAAATC	CGACATTGGG	ACAAGACGCG
55	53101	CCCGCGGGGC	GTACCTTTGA	TGGGGATTTA	GCGCGCGTAA	GCGTGGAAGT	TATTCGGGAT
	53161	ATACGAGTTA	AAAATAGGGT	CGTTTTTTTCA	GGTAACTGTA	CAAATCTCTC	TGAGGCAGCC
	53221	CGGGCAAGGC	TTGTAGGCCT	TGCAAGTGCG	TACCAACGCC	AAGAAAAAAG	AGTGGATATG
	53281	TTACACGGGG	CCCTAGGGTT	TTTGCTTAAA	CAGTTTCACG	GCCTGTTATT	TCCTCGGGGT
	53341	ATGCCACCAA	ACAGTAAATC	CCCCAACCCG	CAGTGGTTTT	GGACCCTGTT	ACAACGCAAC
	53401	CAGATGCCGG	CAGATAAACT	TACACACGAA	GAGATTACCA	CTATTGCAGC	TGTTAAACGG

	53461	TTTACCGAGG	AATATGCAGC	AATAAACTTT	ATTAATCTAC	CCCCAACCTG	CATAGGAGAA
	53521	TTAGCCAGT	TTTATATGGC	AAATCTTATT	CTTAAATACT	GCGATCATTC	ACAGTACCTT
	53581	ATAAATACCT	TAACTTCTAT	AATTACGGGT	GCCAGGCGCC	CGCGTGACCC	ATCATCCGTT
5	53641	TTGCATTGGA	TTCGTAAAGA	TGTCACGTCC	GCCGCGGACA	TAGAAACCCA	AGCAAAGGCG
	53701	CTTCTTGAAA	AAACGGAAAA	CTTACCGGAA	TTATGGACTA	CGGCTTTTAC	TTCAACTCAT
	53761	TTAGTCCGCG	CGGCCATGAA	TCAACGTCCC	ATGGTCGTTT	TAGGAATAAG	CATTAGTAAA
	53821	TATCACGGAG	CGGCAGGAAA	CAACCGCGTC	TTTCAGGCAG	GGAAATTGGAG	CGGTTTAAAC
	53881	GGGGGTAAAA	ATGTATGCCC	GCTATTTACA	TTTGATCGCA	CTCGCCGTTT	TATAATAGCA
	53941	TGTCCTAGAG	GAGGTTTTAT	CTGCCCCGTA	ACAGGTCCCT	CGTCGGGAAA	TCGAGAAACC
10	54001	ACCCTATCCG	ACCAAGTTCG	CGGTATAATT	GTCAGTGGCG	GGGCCATGGT	TCAATTAGCC
	54061	ATATACGCCA	CGGTGTGCG	TGCAGTGGGC	GCTCGAGCAC	AACATATGGC	ATTTGACGAC
	54121	TGGTTAAGTC	TTACAGACGA	TGAGTTTTTA	GCCAGAGACT	TGGAGGAGTT	ACACGACCAG
	54181	ATTATCCAAA	CCCTGGAAAC	GCCC'TGGACC	GTAGAAGGCG	CTCTAGAAGC	AGTAAAGATT
	54241	CTAGATGAAA	AAACGACAGC	GGGAGATGGG	GAAACCCCCA	CAAACCTAGC	ATTTAATTTT
15	54301	GATTCTTG TG	AACCAAGCCA	TGACACCACA	TCTAACGTAT	TAAACATTTT	AGGGTCAAAC
	54361	ATTTCAGGGT	CAACTGTCCC	TGGTCTTAAA	CGACCCCCCG	AAGATGACGA	ACTCTTTGAT
	54421	CTTAGTGGTA	TTCCCATAAA	ACATGGGAAC	ATTACAATGG	AAATGATTTA	ACCTCCCTCT
	54481	TTATCCAATT	AAAGCCCACA	CGCGGGTGAG	TGTACGTAAT	AAACAAGTCA	ATATTACATA
	54541	TTCTGTTGTG	TTTTCTTTTT	TTGTGTGTAG	TCCTTACCCA	TATGACCTGT	AATATAGTGT
20	54601	GTCTCCAACC	ATTCAGCTTA	CAGTCCAGTG	GACAGTAACA	GCCCCGATAAC	ATGGAATTGG
	54661	ATATTAATCG	AACATTTGTTG	GTTCTACTGG	GTCAAGTTTA	TACGTACATC	TTTCAGGTTG
	54721	AACTGCTACG	TCGATGTGAT	CCAAGGGTGG	CGTGTGCGTT	TTTATATCGG	TTAGCGGCTA
	54781	ACTGTTTGAC	AGTTCGTTAT	TTATTAAAGC	TGTTTTCTCCG	GGGATTTAAT	ACCCAGCTAA
	54841	AATTTGGAAA	CACTCCCACG	GTTTTGTGCAC	TGCATTGGGC	ATTATGTTAT	GTAAGGGGAG
25	54901	AAGGTGAGCG	TTTGTTTGAG	TTGCTACAAC	ATTTTAAAAAC	GCGTTTTGTT	TATGGTGAGA
	54961	CTAAAGACTC	AAACTGTATC	AAAGATTACT	TTGTCTCAGC	GTTTAACTTA	AAAACCTGCC
	55021	AATATCACCA	TGAGCTGTG	TTAACAACAT	ACGGAGGTTA	CGTATCGAGT	GAAATTCAGT
	55081	TTTTACACGA	CATTGAGAAT	TTTTTAAAAAC	AGCTTAATTA	CTGCTATATT	ATCACGTCTT
	55141	CTCGTGAGGC	GCTAAACACA	TTGGAAACCG	TGACGCGGTT	TATGACAGAT	ACTATAGGAA
30	55201	GCGGTCTAAT	ACCACCCGTG	GAGTTGTTTTG	ATCCGGCGCA	TCCATGTGCT	ATATGTTTTG
	55261	AAGAATTATG	TATAACAGCT	AACCAAGGTG	AGACCTTACA	TCGTAGATTA	TTAGGATGTA
	55321	TCTGCGATCA	CGTTACTAAG	CAAGTTCGGG	TTAACGTGGA	TGTTGACGAT	ATTATTCCGT
	55381	GTTTACCATA	TATCCCTGAT	TACCCGGATA	CCAAACGTCA	ATCCGCCGTT	GAAGCGTTAC
	55441	GAACACTTCA	AACCAAGACG	GTAGTCAATC	CATAGGGAGC	AAAGAACGAT	ACGTTTGACC
35	55501	AAACATACGA	AATTGCGAGC	ACCATGCTTG	ATTCTTATAA	TGTTTTTAAA	CCTGCCCTC
	55561	GGTGTATGTA	CGCCATCAGC	GAGCTTAAAT	TCTGGTTAAC	GTCTAATTC	ACTGAAGGAC
	55621	CCCAACGTAC	TTTAGACGTG	TTTGTGTGATA	ATTTGGATGT	ATTAAACGAA	CATGAAAAAC
	55681	ACGCAGAACT	TACAGCCGTA	ACGGTTGAGT	TGGCGTTATT	TGGAAAAACT	CCCATACACT
	55741	TTGATAGGGC	GTTTTCTGAA	GAAC'TCGGAT	CTCTGGATGC	AATTGATAGT	ATTTTGGTTG
40	55801	GCAATCGCTC	ATCCTCACCA	GACAGTCAGA	TAGAAGCATT	AATTAAAGCC	TGTTATGCCC
	55861	ATCATCTATC	GTCGCCTCTC	ATGCGTCACA	TTTCTAACC	GAGTCATGAT	AACGAAGCCG
	55921	CCTTACGCCA	ACTTTTAGAA	AGATTGGGT	GTCAGGATGA	TTTAACCAA	GAGGCGAGTG
	55981	ACAGCGCTAC	AGCATCCGAA	TGTGATCTGA	ACGATGATAG	TAGCATAACT	TTTGCTGTTT
	56041	ATGGATGGGA	AAACCTGTTA	TCCAAAGCAA	AAATTGACGC	TGCGGAAAGA	AAACGAGTAT
45	56101	ATCTTGAACA	TCTGTCTAAG	CGCTCTCTAA	CCAGCCTCGG	TAGATGTATC	CGCGAACAGC
	56161	GCCAAGAGCT	AGAAAAACA	CTCAGGGTAA	ACGTTTATGG	AGAGGCCTTA	TTGCAGACAT
	56221	TTGTTTTGAT	GCAAAATGGG	TTTGGGGCAC	GAAACGTGTT	TTTAGCTAAG	GTTTCCCAGG
	56281	CAGGGTGTAT	TATCGACAAT	CGCATTCAGG	AAGCGGCCCT	TGATGCACAT	AGATTTATAA
	56341	GGAATACTTT	AGTTCGACAT	ACAGTAGATG	CGGCTATGTT	ACCTGCACCT	ACACATAAAT
50	56401	TTTTTGAGTT	GGTCAACGGC	CCATTGTTTA	ATCACGATGA	ACACCGTTTT	GCACAACCCC
	56461	CTAACACCGC	CTTATTTTTT	ACCGTGGAAA	ACGTTGGCCT	ATTTCCGCAC	TTAAAAGAGG
	56521	AATTGGCAAA	GTTTATGGGC	GGTGTGCTTG	GTTCCAACCTG	GCTTCTCAGT	CCATTTAGGG
	56581	GCTTTTATTG	CTTTTCTGGG	GTAGAAGGCG	TTACTTTTGC	ACAGAGACTT	GCCTGGAAAT
	56641	ATATTAGGGA	GCTTGTGTTT	GCAACCACAC	TATTCACCTC	TGTTTTCCAT	TGTGGGGAGG
55	56701	TGCGGTTATG	TCGCGTTGAC	CGTCTAGGTA	AGGATCCACG	CGGGTGCACG	TCTCAACCTA
	56761	AAGGTATAGG	CAGTTCCAC	GGACCC'TTAG	ACGGCATTTA	TTTAACGTAC	GAAGAAACAT
	56821	GTCCCTTGT	GGCTATTATT	CAAAGTGGAG	AAACAGGGAT	CGACCAGAAT	ACCGTCGTAA
	56881	TCTACGATT	AGACGTTTTT	TCTCTTCTAT	ACACCCTAAT	GCAGCGGCTG	GCTCCGGATT
	56941	CAACGGACCC	GGCGTTTTCA	TAACCTCCGT	TACGGGGGTG	TGTTTATGCT	TTTTATGCAT

	57001	ATTTTCTATG	TTTGTTACGG	CGGTTGTGTC	GGTCTCTCCA	AGCTCGTTTT	ATGAGAGTTT
	57061	ACAAGTAGAG	CCCACACAAT	CAGAAGATAT	AACCCGGTCT	GCTCATCTGG	GCGATGGTGA
	57121	TGAAATCAGA	GAAGCTATAC	ACAAGTCCCA	GGACGCCGAA	ACAAAACCCA	CGTTTTACGT
	57181	CTGCCCACCG	CCAACAGGCT	CCACAATCGT	ACGATTAGAA	CCAAC'TCGGA	CATGTCCGGA
5	57241	TTATCACCTT	GGTAAAAACT	TTACAGAGGG	TATTGCTGTT	GTTTATAAAG	AAAACATTGC
	57301	AGCGTACAAG	TTTAAGGCGA	CGGTATATTA	CAAAGATGTT	ATCGTTAGCA	CGGCGTGGGC
	57361	CGGAAGTTCT	TATACGCAAA	TTACTAATAG	ATATGCGGAT	AGGGTACCAA	TTCCCGTTTC
	57421	AGAGATCACG	GACACCATTG	ATAAGTTTGG	CAAGTGTTCT	TCTAAAGCAA	CGTACGTACG
	57481	AAATAACCAC	AAAGTTGAAG	CCTTTAATGA	GGATAAAAAAT	CCACAGGATA	TGCCTCTAAT
10	57541	CGCATCAAAA	TATAATTCTG	TGGGATCCAA	AGCATGGCAT	ACTACCAATG	ACACGTACAT
	57601	GGTTGCCGGA	ACCCCCGGAA	CATATAGGAC	GGGCACGTCG	GTGAATTGCA	TCATTGAGGA
	57661	AGTTGAAGCC	AGATCAATAT	TCCCTTATGA	TAGTTTTTGA	CTTTCACCGG	GAGATATAAT
	57721	ATACATGTCC	CCGTTTTTTTG	GCCTACGGGA	TGGTGCATAC	AGAGAACATT	CCAATTATGC
	57781	AATGGATCGT	TTTCACCAGT	TTGAGGGTTA	TAGACAAAAG	GATCTTGACA	CTAGAGCATT
15	57841	ACTGGAACCT	GCAGCGCGGA	ACTTTTTAGT	CACGCCTCAT	TTAACGGTTG	GTTGGAAGTG
	57901	GAAGCCAAAA	CGAACGGAAG	TTTGTTTCGT	TGTCAGGTGG	CGTGAGGTTG	AAGACGTAGT
	57961	TCGCGATGAG	TATGCACACA	ATTTTCGCTT	TACAATGAAA	ACACTTTCCTA	CCACGTTTAT
	58021	AAGTGAAACA	AACGAGTTTA	ATCTTAACCA	AATCCATCTC	AGTCAATGTG	TAAAGGAGGA
	58081	AGCCCGGGCT	ATTATTAACC	GGATCTATAC	AACCAGATAC	AACTCATCTC	ATGTTAGAAC
20	58141	CGGGGATATC	CAGACCTACC	TTGCCAGAGG	GGGGTTTGTT	GTGGTGTTC	AACCCCTGCT
	58201	GAGCAATTCC	CTCGCCCGTC	TCTATCTCCA	AGAATTGGTC	CGTGAAAACA	CTAATCATTC
	58261	ACCACAAAAA	CACCCGACTC	GAAATACCAG	ATCCCGACGA	AGCGTGCCAG	TTGAGTTGCG
	58321	TGCCAATAGA	ACAATAACAA	CCACCTCATC	GGTGGAATTT	GCTATGCTCC	AGTTTACATA
	58381	TGACCACATT	CAAGAGCATG	TTAATGAAAT	GTTGGCACGT	ATCTCCTCGT	CGTGGTGCCA
25	58441	CGTACAAAA	CGCGAACGCG	CCCTTTGGAG	CGGACTATTT	CCAATTAACC	CAAGTGCTTT
	58501	AGCGAGCACC	ATTTTGGATC	AACGTGTTAA	AGCTCGTATT	CTCGGCGACG	TTATCTCCGT
	58561	TTCTAATTGT	CCAGAACTGG	GATCAGATAC	ACGCATTATA	CTTCAAAACT	CTATGAGGGT
	58621	ATCTGGTAGT	ACTACGCGTT	GTTATAGCCG	TCCTTTAATT	TCAATAGTTA	GTTTAAATGG
	58681	GTCCGGGACG	GTGGAGGGCC	AGCTTGGAAC	AGATAACGAG	TTAATTATGT	CCAGAGATCT
30	58741	GTTAGAACCA	TGCGTGGCTA	ATCACAAGCG	ATATTTTCTA	TTTGGGGCATC	ACTACGTATA
	58801	TTATGAGGAT	TATCGTTACG	TCCGTGAAAT	CGCAGTCCAT	GATGTGGGAA	TGATTAGCAC
	58861	TTACGTAGAT	TTAAACTTAA	CACTTCTTAA	AGATAGAGAG	TTTATGCCGC	TGCAAGTATA
	58921	TACAAGAGAC	GAGCTGCGGG	ATACAGGATT	ACTAGACTAC	AGTGAAATTC	AACGCCGAAA
	58981	TCAAATGCAT	TCGCTGCGTT	TTTATGACAT	AGACAAGGTT	GTGCAATATG	ATAGCGGAAC
35	59041	GGCCATTATG	CAGGGCATGG	CTCAGTTTTT	CCAGGGACTT	GGGACCGCGG	GCCAGGCCGT
	59101	TGGACATGTG	GTTCTTGGGG	CCACGGGAGC	GCTGCTTTCC	ACCGTACACG	GATTTACCAC
	59161	GTTTTTATCT	AACCCATTTG	GGGCATTGGC	CGTGGGATTA	TTGGTTTTTG	CGGGACTGGT
	59221	AGCGGCCTTT	TTTGCGTACC	GGTACGTGCT	TAAACTTAAA	ACAAGCCCAG	TGAAGGCATT
	59281	ATATCCACTC	ACAACCAAGG	GGTTAAAACA	GTTACCGGAA	GGAATGGATC	CCTTTGCCGA
40	59341	GAAACCCAAC	GCTACTGATA	CCCCAATAGA	AGAAAATTGGC	GACTCACAAA	ACACTGAACC
	59401	GTCGGTAAAT	AGCGGGTTTG	ATCCCGATAA	ATTTTCGAGAA	GCCCAGGAAA	TGATTAAATA
	59461	TATGACGTTA	GTATCTGCGG	CTGAGCGCCA	AGAATCTAAA	GCCCAGGAAA	AAAATAAGAC
	59521	TAGCGCCCTT	TTAACTTCAC	GTCTTACCGG	CCTTGCTTTA	CGAAATCGCC	GAGGATACTC
	59581	CCGTGTTTCG	ACCGAGAATG	TAACGGGGGT	GTAAATAGCC	AGGGGGTTTTG	TTTTAATTTA
45	59641	TTAATAAAAA	TGTGTATTAC	GTTACTCATG	TGTCTCCATT	ACGCATCACA	GGGGGTATTT
	59701	ATACCCGATA	ATATACAAAA	CGCGTTTTGT	ACCTCTACCG	CACCCGATAT	CTTAACGGGG
	59761	TTATTATGGA	ATCGTCTAAC	ATTAACGCGC	TACAACAACC	GTCGTCTATC	GCACATCATC
	59821	CGTCCAAACA	GTGCGCTTCA	AGTCTCAATG	AAACAGTAAA	AGATTCTCCC	CCCCGCGATT
	59881	ATGAAGATAG	GTTAGAACAC	ACGCCGGTAC	AATTACCCCG	CGACGGTACA	CCCCGAGACG
50	59941	TATGTTCTGT	GGGACAGCTA	ACCTGTGCGAG	CATGTGCAAC	GAAACCTTTT	CGCCTTAACC
	60001	CGCAGAGCCA	ATACGACTAC	TTAAACACAT	GTTCCAGGGG	CCGTTCATAT	TCACCTGGC
	60061	TGGAGATTAT	AACGGGTCCG	TGGGTTTGCA	TCCCGCGTGT	GTTTCGGGAT	ACCCGAGAGG
	60121	AAAAATGGAT	GGCGCCATAT	ATTATTCCAG	ACCGAGAACA	ACCATCATCA	GGGGATGAAG
	60181	ATTCTGACAC	CGATTAAATT	TAACCTAAAT	AAAACCTTAC	CACCCATAAA	AACGCCTTCT
55	60241	GTTTGTTTAA	CACGACACCG	CTTAACAAAA	AAAAAAAAC	CAAACACGCC	TTTTATGAAT
	60301	GTAATACTTT	TATTTGTTGG	TTAACACCGC	CCCACCATCA	TCTGATTTGC	AAACATATCG
	60361	GCGTCGTCTG	CCGTGGACCC	CTGTATTAAA	GGGGCCTTGG	AAC'TCGCCTC	CACTGCATTT
	60421	ACATCTTGTC	CAACTGTATC	TGTATGTGGG	GTGCTTGTTG	TATTTTGGGA	TGAGCATAGA
	60481	CCCGAAACGC	TTTGAAGCTG	TTTTAATAAA	ATCGATATTC	GAGGATCCCG	TGTCCCTCT

	60541	GGTATATTTG	TATGGTGCGA	CAAAGGCATT	TGTGTCCCAT	TTTGTGATTT	TAGCTCTGTA
	60601	ACCTCCTGTT	GCAGTTTTGC	CACAACCCCA	GCAAGCTCTT	CGTGTGACC	ATTAGAACT
	60661	CTGTGTCTCC	TCTGCCAATA	TGATGGAGAA	ACTCGACGTC	TCCGATGCGT	TATATACGTT
5	60721	GGTTCACCGG	GAAAATATAT	ATTTGAGGGA	AACCTCTCCGT	CCATTTGAGA	CTCCCCACTA
	60781	TAAAAAGAAT	CCAATTCCT	TTGATCCATG	CTCTTGAAAT	CCCGTTTTC	TGGACGACGG
	60841	ACATCGGTTT	TGTCTGGAAA	ATTTACACAC	GGGGTCTGCA	AGTCAATACC	CCGTTCCGGC
	60901	GCCAATGCGT	TCATAAATGC	GGACATTTGC	ATTTCCAAAC	GATTGGGTGG	TGGATATCCC
	60961	GGAAACCCGT	ACGGTCCCC	GAAGTGTCCC	GGAGGGCAAC	CATAACCCCT	TGTATTAGGT
10	61021	GGGAAGGCAG	GCGGGTGTGG	AGATCCATAT	GGCCCGACGA	TATACTGTCC	GTTATTTGGA
	61081	GCTCCAATTG	ATACCTGCGG	ATTTTTAGTC	TGCCCGGTTA	ACAGCTGTGA	ATAATACGCG
	61141	GTAGGTATCA	GTACAAATTC	CCCTCCGGTT	GGAACGCCCG	ACGGGGGCTG	TGGTGAGATA
	61201	TTACTAGCGT	TACCTGCTAC	AGAAGCCATA	TCGCTGTCTG	TCCTACACAA	CTGCGTAACC
	61261	TTTAAATGCG	GAACAGTCTT	TTTACAATCT	TCATTTGATT	CCCCAACACC	CAACGCGAGA
15	61321	TCGTATATGG	GCCCGCCGGG	GTGGAATGTG	GCGTTTATAA	CACCCGCGTT	GGGTAATTTA
	61381	GACTCCACCC	CATTAACGTT	GGTTATCCGA	GCAAGTCCAT	ATCCGGTGCT	AGCCTGAAGA
	61441	TAAACGTGAC	CCATAATTC	GGCTTCGCGT	CTACGTTTGT	CAACCACGTC	CCATCTATCT
	61501	CTTAAAGCA	TATTGTTTAC	GGCTGTGGAT	AATAACACCT	TGGCGAGTTT	ATCTTCGCTA
	61561	ACCTTCCATA	CTTTATTTAA	ACCCGCGTAG	TCTTTAACCA	GCGACAATAA	CCGCGCTTTA
20	61621	CTTTCCATCG	ATAAAACCCG	GAATGGTTCA	ATTGAAGATT	CCGGGGTACA	GTCATAATTG
	61681	ACCACTGTTC	CAACGCGTCT	TCCAACAACA	CATAACGCAA	CATGGGTAAA	AAAATTACCG
	61741	TCTGGTATCT	CATTCGGGGA	CAATCGTTTT	GAAGACAGGG	ATACGGAGGG	TAAGTAATTT
	61801	GTGACCAAGT	ATAACGCACG	TTCTAGCGGA	GATAATACAG	AATCTCTATT	TCCAAAAAAA
	61861	TTCGAATGGG	CCGCTTCAAA	CAGCACCGCA	TGTAGTTGAG	GGCATCTAAC	GATACCCAAA
25	61921	AAAAAAGGTC	CGCGTATGTC	CTCAATGATT	GCGATTACTT	CACCCACGAC	ACAGTCTTTT
	61981	CGATGATCGA	TGTTTATTGG	TATTTTACTA	GTAGGCGGCA	AAGCGGACCG	CACAATCTCT
	62041	GGGGTAATAT	TTAATTCCCC	TTCTGCTCTT	GAATATAAGG	CTAAATACCC	AGCCACGTAT
	62101	AACGCTTCAC	AGTTCTCTTC	GTCAGCTTCA	GCAGCCATTA	TAAACACCCC	ACGGACCGGA
	62161	TAGTGAATAC	TCACGGTGTG	GAGGCAAAC	GAGGAATGAC	ACCCAAACAG	ACAAAATATA
30	62221	GAAGATCATA	GTCACGTGTT	ACGTTGAACT	GCGCAAGGCG	GCGACTTTCT	TCCAATGCCG
	62281	CCCTTACACG	CGGTTGGTGC	ATTAACATTC	CAAGTCCCCG	TTCATATTGC	AACATAACAC
	62341	TGTCATGTAT	TGATACCACG	GCGGCTATGG	GTAGGGATGT	AACATTTTGT	CGGCGGTGTT
	62401	CTAATTCCAA	TGCAATTAA	CTTATGAGCC	GATCTTGTTA	CTGTCCAGAA	GAAATATCTA
	62461	TTACGGTTCT	TCCTAAACTT	CCACGACTAA	GCTGGGTATG	CGCGTCTAAA	CAAAGAGCAA
35	62521	CTAATCCAGG	AAACATTTCA	GTCAGCTCTG	TGGTCCGATT	TAACGTATAC	AGTGGTGCTA
	62581	TATATCGTTC	ACATAAAAA	TGAAAGTTAT	TATTACCGCT	TTTAAACTTC	CCATCAAACC
	62641	CCGTCGCTCC	GCGCAAGATT	ACATTGTTGG	TAGGGGTTCC	TGTTGCTTCT	GACACAATCA
	62701	AACCCAGTTG	AAAATTATTT	TTTAGTTTAT	CTCCGTATAC	GTTCCCGTTC	CATAATAAGC
	62761	GCCTTAATAA	TAATAACGCC	GTAATCGTGT	CAATTGTTAA	CCTTAATAGA	GTTTGGTCTT
40	62821	CCATAAGAAA	CACGTTTTTG	GCCCGTTCTA	AATACGCCGC	GGCCGCCTGT	TGAATCTTGT
	62881	CCACATATGC	GGTATGATTG	CGATCAATAA	TGTCATTAAC	CCCAGGATTA	AACTGTCCAG
	62941	GTGCAGGCGG	TAGGACCTGC	AACCGTATAA	GCGCATCCAT	AACAGAATGT	GACGTTAAGG
	63001	CGCCTTGATC	ATACCGCCCC	CCACGAGCAT	GAAACTGGTC	GCGTGGTAGA	CGATCATAGC
	63061	AAAATTGATA	ACTGTTTTTA	TTTTCTGTGT	TTGTCATATA	ATTCACAAAT	GTCTCAGTAT
45	63121	ATTCCGGTAG	GTGCTCTATA	AGGTTCCCGA	AGGACGAAAC	TTGAGGTTTC	TGGACACTAT
	63181	TAGATGTCCT	ATACATTAAA	TATAAACATA	ATACCGCACA	CTCGAACGCG	GAGTACGCTC
	63241	TATCTCCAAC	ATACATTCTC	CCGGCGGACT	GTAGACATGT	TACCGTTGTG	TTCATAAACG
	63301	TACGGGAAAT	GCGCCCGTCT	TTACAATCAA	CTCCGCGTGC	AGCTACGGGC	CTATCTAACA
	63361	CAAGCCGTTT	CTGCAGAGTA	CGATACCATG	GCCCCGAAAC	AATCCCTGGA	GAGTTATTGC
50	63421	CCCTTGCCCT	TCCCAAGTAC	ACCAGGGTGA	TAAAATCCAC	TTGAAAGTTT	GTATCGTACT
	63481	GCAACGGTGC	ATCATTTTTG	GCAATCTGTA	CCTCGGGGTG	TATAGACTCA	TTGCGTATTA
	63541	TTTCTGTACG	TGTACATTCC	TCAGATTGTG	CATCTGCTTC	TTCCGCCTCG	GCAGCAGCCG
	63601	TCTCCAGGGA	ATCCAAAACC	TTGGCCATGC	GCGTTAGTTG	TTCTTCGAGG	GGCTTTAAAC
	63661	GACGATCTAT	TTCCGTTGGT	AACGTAATCG	TTTCCCCGCG	AAGGTTGTCT	AATGCGGCAA
55	63721	CGGCCGCCGC	ATTTTTTAAAC	GTAAACGTAT	TTTTTTCCAA	ATCGGGATTC	ATACGCCCTC
	63781	TTAACTCAAA	CGCGGGAGCC	GTCCAGTAGT	GTATGGGGAA	GTTGGGGGCT	ATAAAGTTCT
	63841	TAGTGGTAGA	CAAAAATATC	CCACATTTAT	TCGGAAACGA	GATAGATCCG	AACCCATATC
	63901	TCGCCGTGAT	GGTGTCGCA	GCAAACAAAG	TCAACTGGCG	TGAATATAAA	CCGGTACTGC
	63961	TTTAAAAGCT	GTTTTCTTAC	CCATGGGAAA	ACATCCCGGT	TATACTTTGT	AAAATTCCAC
	64021	CACAAGCACC	TAAAGAAGGC	CTTCTAAGGG	GTAAATCCAC	CCCACAAGCT	GCATTTCTT

	64081	CAAAC TTTGT	TAAAG CGGAA	CGATG GCATG	ATTTG GCACG	CTTTT TCGCA	AGAGAA CATA
	64141	CGTGA ATTTT	CTTTT TGCAT	AGACG TCTTC	GCTCT CTAAC	GGACCT TATC	GGGGGG GTAT
	64201	ATTCC GCTAC	ATTCT CCAAA	TGCGA CGCTA	GCATA ACAAG	GTTTC CATGA	ATCAC CTTTG
5	64261	GGGGT AACCG	AGTTA CCTGT	AACAG GTTCA	GACCC CGTTG	AGATA CAAAC	ACAAG GAGGG
	64321	GGGTCA CCAAT	TATTT CATCA	GATCC CGTGG	GTGTG GTTTC	CTTTA TTAAA	GCCAT GGTAT
	64381	CCCTCA GCTG	GCGCA TACCC	TCGCA AAACT	GGTGAT ACTT	AGTAG GGGTA	TGTATA TTAG
	64441	CGCTAAA ACG	GCAAG ATTTT	AATTCC ACTA	TAAAACA AAC	GGTCT TTCCG	GCACCA CTGG
	64501	ATTCC GTTTG	TATAA TACAA	ACACA ATCGG	GGCGT CGGCG	TCCCA AATTT	ACTTCA AACG
	64561	ACATT GATAT	GCGTA CAGCC	CTTTG AACAT	CCACG TGCGA	TAACG GCGAC	AGGAG TTTTG
10	64621	CCAGC CTCGG	GTTGA ACGCG	TCCGC GAAAC	CTCGA CGTAC	GTTAT CAATA	TCCTT TTTGA
	64681	GTACAT CGTA	AAAAC GAGTG	TGGCA ACGTT	GTCCCA AACG	AAAAC ACTTG	GCCCG AATTC
	64741	GACTAG CCGGA	CATAT TTTGAA	GTTCC GTCCC	AGAAG ATAAC	CTAAG ACGCG	TTTGT CTACA
	64801	ATAAAC ATGTT	CAACG GATAA	AACCG ATGTA	AAAAT GGGCG	TTTTG CGTAT	TTATT TGGAC
	64861	GGGGC GTATG	GAATT GGAAA	AACAAC CGGCC	GCCGA AGAAT	TTTTA CACCA	CTTTG CAATA
15	64921	ACACCA AACCC	GGATC TTTACT	CATTG GGGAG	CCCCT GTCTG	ATTGG CGTAA	CCTTG CAGGG
	64981	GAGGAC GCCA	TTTGC CGGAAT	TTACG GAACA	CAAAC TCGCC	GTCTT AATGG	AGACG TTTTCG
	65041	CCTGA AGACG	CACAAC GCCTT	CACGG CTCTAT	TTTCAG AGGCC	TGTTCT GTTTC	TCCGC ATGCA
	65101	ATTAT GCGATG	CGAAA ATCTC	GGCAT TGGATG	GACAC AAGTA	CATCG GATCT	CGTAC AAGTA
	65161	AATAA GGAGC	CGTAT AAAAT	TATGT TTATCC	GACCG ACACC	CAATC GCCTC	AACTA TATGT
20	65221	TTTCC CTTGT	CCAGA TACTT	AGTGG GAGAT	ATGTC CCCAG	CGGCG CTTCC	TGGGT TATTG
	65281	TTTAC GCTTC	CCGCT GAACC	CCCCG GGGACC	AACTT GGTAG	TTTGT ACCGT	TTCACT CCCC
	65341	AGTCAT TTTAT	CCAGA GTAAG	CAAAC GGGCC	AGACC GGGAG	AAACG GTTAA	TCTGC CGTTT
	65401	GTTAT GGTTC	TGAGA AATGT	ATATA TAAATG	CTTAT TAAATA	CAATT ATATT	TCTTA AAACT
	65461	AACAAC TGGC	ACGCG GGGCTG	GAACA CACTG	TCATT TTGTA	ATGAT GTATT	TAAAC AGAAA
25	65521	TTACAA AAAAT	CCGAG TTGAT	AAAAC TACCG	GAAGT ACCTG	GGATT GAAGA	CACGT TATTC
	65581	GCCGT GCTTA	AACTT CCGGA	GCTTT GCGGA	GAGTT TGGAA	ATATT CTGCC	GTATT GGGCA
	65641	TGGGG AATGG	AGACC CTTTC	AAACT GCTCA	CGAAG CATGT	CTCCG TTCTG	ATTAT CGTTA
	65701	GAACAG ACAC	CCCAG CATGC	GGCAC AAGAA	CTAAA AACTC	TGCTA CCCCC	GATGA CCCCC
	65761	GCAAAC ATGTT	CCTCC GGTGC	ATGGA ATATA	TTGAA AGAGC	TTGTT AATGC	CGTTC AGGAC
30	65821	AACACT TCCT	AAATA TACCT	AGTAT TTTACG	TATGT ACCAG	TAAAA AGATG	ATACA CATTTG
	65881	TCATA CTGCG	GTGTAC GTGT	TTTTT CTTTTT	TATAT ATGCG	TCATT TATTA	CCACA TCCTT
	65941	TAATC CCGCC	TTTAT CTCCC	TAAAAC GGGAG	TGGTA ATATT	AAAAG CCGCC	AAGCT GTTTG
	66001	GTGGT TGAGG	AGGGG TAAAG	GCACG CTGTG	TGCATA ACGT	TGCGG TGATA	TTGTA AGCGCA
35	66061	AGTAA CAGCG	ACTAT GTTTG	CGCTA GTTTT	AGCGG TGTTA	ATTC TCTCTC	TTTGG ACCAC
	66121	GGCTA ATAAA	TCTTA CGTAA	CACCA ACCCC	TGCGA CTGCG	TCTAT CGGAC	ATATG TCTGC
	66181	TCTTT CTACGA	GAATA TTCCG	ACCGT AATAT	GTCTC CTGAAA	TTAGA AGCCT	TTTAT CCTAC
	66241	TGGTT TCGAT	GAAGA ACTCA	TTAAAT CACT	TCACT GGGGA	AATGA TAGAA	AACAC GTTTT
	66301	CTTGG TTATT	GTTAA GGTTA	ACCCT ACAAC	ACACG AAGGA	GACGT CGGGC	TGGTT ATATT
	66361	TCCAA AAATAC	TTGTT ATCGC	CATAC CATTT	CAAAG CAGAA	CATCG AGCAC	CGTTT CCTGC
40	66421	TGGAC GTTTT	GGATT TCTTA	GTCAC CCTGT	GACAC CCGAC	GTGAG CTTCT	TTGAC AGTTC
	66481	GTTTG CGCCG	TATTT AACTA	CGCAA CATCT	TGTTG CGTTT	ACTAC GTTCC	CACCA AACCC
	66541	CCTTG TATGG	CATTT GGAAA	GAGCT GAGAC	CGCAG CAACT	GCAGA AAGGC	CGTTT GGGGT
	66601	AAGTC TTTTA	CCCGT CCGCC	CAACAG TCCC	CAAGA ATACT	ATTC TGGAA	ATAAG CGCA
45	66661	TTTTG CTACA	TGGGAT GCCC	TTGCC CGACA	TACTT TTTT	TCTGC CGAAG	CAATT ATCAC
	66721	CAACT CAACG	TTGAGA ATAC	ACGTT CCCC	TTTTG GGTG	GTATG GCCAA	TTGAT ACTG
	66781	GGCCA CCGGT	TCGGT GCCTC	TCACA AGCGA	CTCGG GTCGT	GTGGA AGTAA	ATATT GGTGT
	66841	AGGAT TTTATG	AGCTC GCTCA	TTTCT TTTATC	CTCTG GACCA	CCGAT AGAAT	TAATT GTTGT
	66901	ACCAC ATACA	GTAAA ACTGA	ACGCG GTTAC	AAGCG ACACC	ACATG GTTCC	AGCTA AATCC
	66961	ACCGG GTCCG	GATCC GGGGC	CATCT TATCG	AGTTT ATTTA	CTTGG ACGTG	GGTTG GATAT
50	67021	GAATTT TTTCA	AAGCA TGCTA	CGGTC GATAT	ATGCG CATAT	CCCGA AGAGA	GTTTG GATTA
	67081	CCGCT ATCAT	TTATC CATGG	CCCAC CGGA	GGCTC TGCGG	ATGAC AACGA	AGGCG GATCA
	67141	ACATG ACATA	AACGAG GAAA	GCTAT TACCA	TATCG CCGCA	AGAAT AGCCA	CATCA ATTTT
	67201	TGCGT TGTG	GAAAT GGGCC	GTACC ACAGA	ATATTT TCTG	TTAGAT GAGA	TCGTAG ATGT
	67261	TCAGT ATCAA	TTAAA ATTCC	TTAAT TACAT	TTTAA TGCGG	ATAGG AGCAG	GAGCT CATCC
55	67321	CAACACT ATA	TCCGA AACCT	CGGAT CTGAT	CTTTG CCGAT	CCATC GCAGC	TTCAT GACGA
	67381	ACTTT CACTT	CTTTT TGGTC	AGGTAAA ACC	CGCAA ATGTC	GATTAT TTTA	TTTCAT ATGA
	67441	TGAAG CCGGT	GATCA ACTAA	AGACC GCATA	CGCGC TTTCC	CGTGG TCAAG	ACCAT GTGAA
	67501	TGCACT TTTCT	CTCGC CAGGC	GTGTT ATAAAT	GAGCA TATAC	AAGGG GCTGC	TTGTG AAGCA
	67561	AAATTT TAAAT	GCTAC AGAGA	GGCAG GCTTT	ATTTT TTGCC	TCAAT GATTT	TATTAA ATTT

	67621	CCGCGAAGGA	CTAGAAAATT	CATCTCGGGT	ATTAGACGGT	CGCACAACTT	TGCTTTTAAT
	67681	GACATCCATG	TGTACGGCAG	CTCACGCCAC	GCAAGCAGCA	CTTAACATAC	AAGAAGGCCT
	67741	GGCATACTTA	AATCCTTCAA	AACACATGTT	TACAATACCA	AACGTATACA	GTCCTTGTAT
5	67801	GGGTTCCTT	CGTACAGACC	TCACGGAAGA	GATTCATGTT	ATGAATCTCC	TGTCGGCAAT
	67861	ACCAACACGC	CCAGGACTTA	ACGAGGTATT	GCATACCCAA	CTAGACGAAT	CTGAAATATT
	67921	CGACGCGGCA	TTTAAAACCA	TGATGATTTT	TACCACATGG	ACTGCCAAAG	ATTTGCATAT
	67981	ACTCCACACC	CATGTACCAG	AAGTATTTAC	GTGTCAAGAT	GCAGCCGCGC	GTAACGGAGA
	68041	ATATGTGCTC	ATTCTTCCAG	CTGTCCAGGG	ACACAGTTAT	GTGATTACAC	GAAACAAACC
10	68101	TCAAAGGGGT	TTGGTATATT	CCCTGGCAGA	TGTGGATGTA	TATAACCCCA	TATCCGTTGT
	68161	TTATTTAAGC	AGGGATACTT	GCGTGTCTGA	ACATGGTGTC	ATAGAGACGG	TCGCACTGCC
	68221	CCATCCGGAC	AATTTAAAAG	AATGTTTGTA	TTGCGGAAGT	GTTTTTCTTA	GGTATCTAAC
	68281	CACGGGGGCG	ATTATGGATA	TAATTATTAT	TGACAGCAAA	GATACAGAAC	GACAACTAGC
	68341	CGCTATGGGA	AACTCCACAA	TTCACCCTT	CAATCCAGAC	ATGCACGGGG	ATGACTCTAA
15	68401	GGCTGTGTTG	TTGTTTTCCAA	ACGGAAC'TGT	GGTAACGCTT	CTAGGATTCTG	AACGACGACA
	68461	AGCCATACGA	ATGTCGGGAC	AATACCTTGG	GGCCTCTTTA	GGAGGGGCGT	TTCTGGCGGT
	68521	AGTGGGGTTT	GGTATTATCG	GATGGATGTT	ATGTGGAAAT	TCCCGCCTTC	GAGAATATAA
	68581	TAAAATACCT	CTGACATAAA	AAACATGTAT	AATAAAAAGT	CACATATAAC	GTATTCTCTA
	68641	CAATACCTTTA	TTGCGGAATA	ATACACACTA	CCTTTGGGTT	TTTTTCCCCT	CCCCAAATGG
	68701	TGTTTGGTGC	ACTCTACCAA	AAAATAGAGC	GCCTAAATAT	GCTATATAAC	GCCTCCCAGC
20	68761	AAAATACGGT	TCAAAGGCAT	TACCCGATAT	TGTATTGTAG	TACAGGGCAA	TGGGAATTGA
	68821	TGATCCCAAT	AAACGGCATA	GACGCACAGC	GCCGTTATAG	CAGGGGTCTC	CAGAGTACAG
	68881	GGTATCTAAG	TACCGGGATA	TCTCATACTC	ATGCCTTTCC	GTGACAGAAA	CATCAACCGG
	68941	AACAGTATCC	GATAAAACCA	CTCCTGTTTT	TGCAAGGCGT	AAAATTTCGCA	CACCTTCCTT
25	69001	TTTTGCAAGA	TGTGACGTTT	CCTTGTAACA	GGGAAGCTGG	GGGAGTGGTA	AGAACAACAA
	69061	AGTTTCAGCC	AACGTGCCAA	TAAAGCCCAC	TTCCCTCAAG	AGGCTGTTTG	CTGTATCCAC
	69121	AATGGTCCGT	ATTAAATCTT	GAGCAACTTG	ATCCGTGTCA	TCATCACTGG	GTATTCCTGT
	69181	AACATAACTA	CGCGTTAAAT	CCTCAATAAC	GGCATAACAA	TTAAACGCTT	CCCACCGAGA
	69241	CAGTATATAT	TGAACAATCA	CGAACCGTTG	ACAGGACGTC	AGATCACGTC	CGTAAGCATG
	69301	CCCGAAAAAT	GGAAGTTCCC	CCCGTTCGCC	ATATACCGCA	ACAACTGCAG	TATATATCGT
30	69361	CTCACGGGCT	TCATTAAGTT	CATCTTCAAG	TCCAGGCCAT	TTTCTGGCTT	TAAATATAAC
	69421	CTCGTCCGCA	AAAAAAACCG	CACATGATAA	CGCGCGGATA	CAATGAGTAG	TGGCTTTATG
	69481	GCGAGGATCC	CAAATGTCCA	TTACCCGGGG	GATGGTCCTA	ATCTGTACAA	AGTTACTTAG
	69541	TGTAATATGA	TCGGACTTCT	TACGCCGTCT	AGGCTGTTTC	TCAGAATACG	GTTCACCCCA
35	69601	AATCGGCACA	TCATCTGCTT	TTACGTCTTC	CGTAACCACA	TCAGCAGCGC	GCCGACCTAAC
	69661	AATTATACTT	GTTTTTTCAT	CGTCGTTACT	TCCGTTAAGC	GCGTCTCGTA	TCTCGGGCGT
	69721	CCCGTCGAAT	AATCCACTCA	CTAGCTCCTG	CAAACCTTCT	GGTAACTCCA	ACATACGCAT
	69781	ATACACCAAT	GAAAAACTGG	CTTCGTTTGG	TACGTACATA	AAGCCATTTG	TGGTATTAAT
	69841	GGCGGTGGGT	GTTGGAAACA	ATTTTAGCTT	ATTCTCGCGC	GTAACATCTA	CCCCCGCCAC
40	69901	CAATGTTAAA	TGCGTCACGG	GGAGGGACAC	GAGATAATCT	GCGAGCGTAG	GGTCCTCCAC
	69961	TTCAACATCA	AATGTTCCGC	AAAGGTCGCG	ATCCACCGCC	CCCGATCCCG	CTGCAAGTAA
	70021	GGCCACTCGA	TCCAAAAACA	CGCAGTTATT	ATTGGATGAT	ACCGCCCATG	TCTTCCCGGT
	70081	GCGATTGAGC	TCACTTCGAA	CGTAACTGGC	AACAGATCTG	TCACCGGGTC	CGACCCCGCG
	70141	AACAACATGT	CCAAATTTTG	CGATCTCGCC	TCCATGTTTG	CGGGGTATGG	AAATTAAAGCA
45	70201	TCCCCCGCAT	ATAAAATACG	CCCTGGTAGC	ACGCTCGTTA	AAATAAAACG	TTACGCCGTT
	70261	ATAAGATACG	GTTGAATGAT	ATGGAAATTC	CATATTAAAG	CGTTTATCGG	AACATTAAACC
	70321	TCGAACCTTG	CGTCCCGTGA	TCGTGTGATC	GCCAACCTTA	GGTCCACACC	GAATATGAGA
	70381	AATATATAAC	TACACGCAAA	CATTCAAAC	ACCGTGGTAT	CATTAACGTC	ATATGAAAAG
	70441	ATCCAATCAA	TCCAATCAAC	CACACCTCCT	ACCGTTTAGC	ACGTCAGCTA	TGTGACATGC
50	70501	TCCAAACATA	CGTAAACATT	TAGAGAGGGT	GTTATAACAG	TCTGTACGGC	GGGGTATATT
	70561	CTACATAATA	CAAGGATCGG	CTTTAACTTT	GTCAACATTT	TTACTTTGGA	CTATAAACTG
	70621	CGACTGAACG	TTATGAACCC	ACCCCAAGCC	CGCGTCTCGG	AACAGACAAA	GGACTTGCTT
	70681	AGCGTTATGG	TTAACCAGCA	CCCCGAAGAG	GACGCAAAAG	TGTGTAAATC	CAGTGATAAT
	70741	TCACCGCTTT	ATAACACCAT	GGTTATGTTA	TCGTATGGGG	GTGATACGGA	CTTACTATTA
55	70801	AGCTCTGCAT	GTACCCGCAC	ATCTACCGTA	AACAGGTCGG	CGTTTACGCA	ACACTCCGTG
	70861	TTTTTATATTA	TATCCACGGT	GTTGATTCAA	CCAATATGTT	GTATCTTCTT	TTTTTTTTTAC
	70921	TATAAAGCGA	CACGCTGTAT	GCTCTTATTC	ACAGCCGGGT	TACTTCTGAC	GATTCTACAT
	70981	CACCTTTCGAC	TTATTATTAT	GTTATTGTGT	GTCTACAGAA	ATATACGATC	AGACCTGCTA
	71041	CCCTTATCTA	CATCCCAGCA	ACTGCTGCTT	GGAATTATTG	TTGTGACTCG	AACAATGCTA
	71101	TTTTTGTATTA	CGGCGTATTA	TACTCTTTTT	ATAGACACCC	GGGTGTTCTT	TTTGATTACC

	71161	GGACACTTGC	AAAGTGAGGT	TATTTTTTCCA	GATAGCGTTT	CAAAAATACT	TCCTGTGTCTG
	71221	TGGGGTCCAA	GTCCAGCCGT	GTTACTGGTA	ATGGCGGCAG	TTATTTACGC	TATGGACTGT
	71281	TTGGTGGACA	CGGTATCCTT	TATTGGGCCA	AGGGTGTGGG	TCCGTGTTAT	GTTAAAAACA
5	71341	TCTATTTTCGT	T'TTAGTCCAT	TTCAATAAAT	GTACTATAAT	TGTTTCAGTCT	AAAAATAATG
	71401	TTGGGTATTT	ATAATTACCG	CCCCCGTGT	ACTTGGAAC	ACCCATACAT	ATGTTCCACT
	71461	CTACATCAAA	CTTCTCGCAG	TTTTCTTGTT	CCCGCACACG	TTTACACGTC	CGGATTCAAG
	71521	TCGCAACGCT	GCTGACAAAA	TGACAACGGT	TTCATGTCCC	GCTAACGTGA	TTACTACAAC
	71581	GGAATCTGAT	CGTATTGCTG	GGTTATTTAA	CATCCCAGCG	GGGATCATTC	CAACTGGAAA
10	71641	TGTGCTGTCA	ACCATAGAGG	TGTGTGCACA	CCGTTGCATT	TTTGATTTTT	TTAAACAAAT
	71701	ACGATCAGAT	GATAACAGCC	TTTACTCGGC	TCAATTTCGAT	ATTCTTTTGG	GGACATACTG
	71761	CAATACATTA	AACTTTGTGC	GTTTTCTAGA	ACTTGGAAGT	TCTGTGCTT	GCATCTGTAC
	71821	TAAATTTCCG	GAGCTGGCTT	ACGTGCGAGA	TGGCGTTATT	CAATTTGAGG	TACAACAACC
	71881	CATGATAGCA	CGTGATGGCC	CACATCCCGT	CGATCAGCCT	GTTTCATAAT	ATATGGTTAA
	71941	GCGGATACAC	AAGCGTTCGT	TAAGCGCTGC	GTTTGCAATT	GCATCGGAAG	CGTTGAGTTT
15	72001	GTTAAGTAAC	ACATATGTCG	ATGGGACAGA	GATTGACTCA	TCGTTACGTA	TAAGAGCTAT
	72061	CCAACAGATG	GCTCGTAATT	TACGCACCGT	TTTGGAAGT	TTTGAACGAG	GCATCGCCGA
	72121	TCAACTTCTT	GGTGTCTAT	TGGAGAAAGC	CCCACCGCTA	TCGCTGCTTT	CACCAATTAA
	72181	TAAATTCCAA	CCCGAGGGAC	ATCTAAATCG	TGTTGCACGC	GCGGCCCTAC	TTTCGGACCT
	72241	CAAACGTAGA	GTCTGTGCGG	ATATGTTTTT	TATGACCCGA	CACGCCAGGG	AACCTAGGCT
20	72301	GATCTCTGCG	TATCTGTGCG	ATATGGTTTT	GTGCACCCAA	CCATCGGTGA	TGGTATCACG
	72361	AATAACTCAT	ACAAACACTC	GCGGACGGCA	GGTTGACGGT	GTGTTGGTAA	CAACAGCAAC
	72421	CTTAAAACGG	CAACTATTAC	AGGGAATTTT	ACAAATTGAC	GACACCGCCG	CTGACGTACC
	72481	AGTAACATAT	GGCGAAATGG	TTCTACAGGG	GACAAACTTG	GTAACCGCCC	TTGTGATGGG
	72541	AAAGGCCGTC	CGCGGAATGG	ATGATGTAGC	CCGCCATCTC	CTTGATATAA	CCGACCCTAA
25	72601	CACGTTAAAC	ATACCGTCTA	TACCCCAACA	ATCCAACCTC	GATTCAACGA	CAGTGGGGCT
	72661	TCCGGTTAAC	GCCCGTGTTT	CTGCGGATTT	AGTGATTGTT	GGGGATAAAC	TTGTATTCTT
	72721	AGAAGCATTA	GAACGGCGGG	TCTACCAAGC	TACGCGCGTT	GCCTACCCTC	TTATTGGAAA
	72781	TATAGATATT	ACGTTTATCA	TGCCAATGGG	AGTGTTTCAG	GCAAACCTCA	TGGACAGATA
	72841	TACACGACAC	GCCGCGGATT	TTTCAACTGT	ATCCGAACAG	GATCCACGTC	AATTTCCACC
30	72901	CCAAGGGATT	TTTTTTTTATA	ATAAAGATGG	GATATTAACA	CAGTTGACTC	TTGCGTATGC
	72961	AATGGGTACC	ATCTGCCACA	GTTTCATTGCT	TGATGTGCGAG	GCCACACTTG	TTGCCCTCCG
	73021	CCAACAACAT	TTAGATCGTC	AGTGTTATTT	TGGTGTATAC	GTGGCCGAGG	GTACAGAGGA
	73081	CACATTGGAT	GTTCAAATGG	GGAGGTTTAT	GGAAACGTGG	GCAGATATGA	TGCCTCATCA
	73141	CCCTCATTGG	GTAAACGAAC	ATTTAACAAT	TCTACAGTTT	ATAGCTCCGA	GCAACCCGCG
35	73201	TCTAAGGTTT	GAATTAAACC	CCGCCTTTGA	TTTTTTTGT	GCACCGGGGG	ACGTAGACCT
	73261	TCCCGGACCG	CAGCGTCCCC	CGGAAGCCAT	GCCAACCGTT	AACGCAACAT	TACGGATTAT
	73321	CAACGGAAAC	ATTCCCCTGC	CTCTATGTCC	CATTTTCATTT	CGAGACTGTC	GCGGAACCCA
	73381	ACTCGGTTTG	GGAAGACATA	CAATGACCCC	GGCAACCATT	AAAGCCGTAA	AGGATACATT
	73441	TGAAGACCGC	GCATACCCAA	CTATTTTCTA	CATGCTAGAG	GCTGTTATTC	ATGGAAACGA
40	73501	AAGAAACTTC	TGTGCGTTAC	TGCGACTGTT	AACACAGTGT	ATTGCGGGGT	ATTGGGAGCA
	73561	ATCCCACAGG	GTGGCATTTG	TAAATAACTT	TCACATGTTA	ATGTACATAA	CTACATATCT
	73621	CGGAAACGGT	GAGCTTCCCG	AAGTCTGTAT	TAATATATAT	CGGGATTATC	TGCAGCATGT
	73681	AAGAGCATTA	CGCCAAACTA	TAACCGATTT	TACAATACAA	GGAGAGGGCC	ATAACGGCGA
	73741	GACCTCGGAA	GCGCTAAATA	ACATCCTTAC	GGATGACACG	TTTATTGCAC	CTATTCTATG
45	73801	GGATTGTGAT	GCGTTAATAT	ACCGTGATGA	AGCCGCCCCG	GACCGACTCC	CCGCAATTCC
	73861	TGTAAGCGGG	CGAAACGGAT	ACCAAGCCCT	TCACTTTGTG	GATATGGCCG	GGCATAACTT
	73921	CCAACGACGC	GATAATGTGT	TAATCCACGG	GAGACCCGTT	CGGGGAGACA	CGGGTCAGGG
	73981	TATTCCCAT	ACTCCACACC	ATGACCGTGA	ATGGGGTATT	CTCTCCAAGA	TTTACTACTA
	74041	TATTGTTCATT	CCTGCATTTT	CCCGCGGTTT	CTGTTGTACA	ATGGGCGTGC	GTTATGATCG
50	74101	CCTATACCTT	GCGTTACAGG	CAGTTATCGT	TCCGGAAATT	CCCGCTGATG	AAGAAGCCCC
	74161	AACTACCCCA	GAAGATCCAA	GACACCTCTT	TCACGCACAC	CAACTCGTTT	CGAAGCTCTT
	74221	TAACGTTTAC	TTCCATAATG	CACACCTAAC	CGTTGATGGT	GATGCATTGC	TCACACTACA
	74281	AGAGTTAATG	GGAGATATGG	CTGAACGAAC	GACGGCCATT	T'TAGTATCAA	GCGCCCCCGA
	74341	TGCGGGAGCC	GCCACGGCAA	CAACCAGAAA	TATGAGAATA	TATGACGGAG	CGCTTTACCA
55	74401	TGGCCTTATT	ATGATGGCAT	ATCAGGCGTA	CGATGAAACC	ATTGCAACGG	GTACTTTTTT
	74461	T'TATCCCGTT	CCGGTCAACC	CTCTGTTTGC	ATGTCCGGAA	CATTTGGCAT	CATTGCGTGG
	74521	AATGACAAAT	GCTAGGCGGG	TTTTGGCAAA	AATGGTACCA	CCAATCCCTC	CTTTTCTGGG
	74581	AGCCAACCAC	CACGCAACTA	TACGCCAACC	CGTTGCCTAC	CATGTAACGC	ATAGTAAGTC
	74641	GGATTTTAAT	ACTCTTACAT	ATTCTCTTCT	TGGAGGGTAT	TTTAAGTTTA	CACCAATATC

	74701	TCTTACACAT	CAACTACGAA	CGGGATTTC	CCCCGGGATT	GCCTTTACCG	TAGTGCGCCA
	74761	GGATCGCTTT	GCCACAGAGC	AACTTTTATA	TGCCGAGCGT	GCTTCTGAAT	CGTACTTTGT
	74821	CGGACAAATC	CAAGTACACC	ATCATGATGC	TATTGGGGGG	GTAAACTTTA	CCCTAACCCA
	74881	ACCCAGAGCT	CACGTGGACC	TGGGAGTCGG	GTATACAGCT	GTATGTGCCA	CAGCAGCCCT
5	74941	GCGATGCCCT	CTCACGGATA	TGGGCAATAC	TGCCCAAAAT	CTTTTTTTTT	CACGAGGAGG
	75001	AGTGCCAATG	TTACATGATA	ACGTTACCGA	ATCGTTGCGT	CGTATAACAG	CATCGGGGGG
	75061	TCGCTTAAAT	CCCACCGAAC	CCCTACCCAT	CTTCGGCGGA	CTACGTCTCT	CTACATCGGC
	75121	AGGAATTGCA	CGAGGGCAAG	CCTCTGTGTG	TGAGTTTGTG	GCCATGCCGG	TGTCCACTGA
	75181	CCTACAATAT	TTTAGAACTG	CATGCAATCC	TAGAGGTCGA	GCATCTGGAA	TGTTATATAT
10	75241	GGGTGACCGT	GACGCCGACA	TAGAGGCTAT	AATGTTTGAT	CACACACAAT	CGGATGTTGC
	75301	TTATACAGAT	CGAGCAACTC	TTAACCCATG	GGCATCACAA	AAACATTTCAT	ACGGTGACAG
	75361	GCTATACAAC	GGAACATACA	ACCTTACAGG	CGCTTCTCCT	ATCTACAGCC	CATGCTTTAA
	75421	GTTTTTTTACA	CCAGCGGAGG	TTAACACTAA	TTGTAATACA	CTGGATCGGC	TTCTAATGGA
	75481	GGCAAAGGCT	GTGGCGTCGC	AAAGCTCCAC	CGACACTGAA	TATCAATTTA	AACGCCCTCC
15	75541	CGGTTCTACC	GAAATGACAC	AGGATCCGTG	TGGCCTTTTT	CAAGAAGCAT	ATCCACCAC
	75601	ATGCTCAAGC	GATGCGGCCA	TGTTACGAAC	GGCTCACGCG	GGAGAAACCG	GGCAGATGA
	75661	AGTTCACCTA	GCCCAATATC	TGATTCGAGA	CGCGTCGCCC	CTTAGGGGAT	GTCTTCCTCT
	75721	TCCGCGATAA	TTTACCACAG	CCCACATACC	CACTCCCAAT	AAAAGCCCTG	TAGAGCGCAT
	75781	TGGCATCTTA	CTTGAGATTT	GGATACGCTC	GGCCGACTTG	GTCTGTTTCA	CGCTTCCTTA
20	75841	AACAACATGG	CTATGCCATT	TGAGATAGAG	GTATTGTTAC	CAGGAGAACT	ATCCCCGGCG
	75901	GAAACATCTG	CATTACAGAA	ATGTGAGGGA	AAAATTATTA	CCTTCTCAAC	CCTGCGTCAT
	75961	CGAGCTTCAC	TGGTGGATAT	AGCGCTGTCG	TCATATTACA	TTAACGGTGC	TCCACCAGAC
	76021	ACGCTCTCGC	TGTTAGAGGC	ATACCGAATG	CGATTGCGCG	CAGTTATAAC	ACGGGTTCATC
	76081	CCGGGAAAGT	TGTTGGCGCA	TGCCATTGGC	GTGGGTACTC	CTACACCCGG	GTGTTTATT
25	76141	CAAAATACAT	CCCCCGTTGA	TCTTTGTAAT	GGCGATTACA	TCTGCTTACT	TCTCCGGTT
	76201	TTCCGGTCCG	CAGACTCAAT	TCGCTTGGAC	TCTGTAGGAC	TGGAAATTGT	TTTCCCTTTA
	76261	ACCATCCCCC	AGACCTTAAT	GCGAGAAATC	ATCGCCAAAG	TGGTTGCACG	GGCCGTTGAG
	76321	CGCACGGCCG	CGGGTGCTCA	AAATTTTACCC	CACGAAGTTC	TACGAGGCGC	GGATGTCATT
	76381	TGTTACAATG	GAAGGCGTTA	TGAACCTCGA	ACAAATTTAC	AACATCGGGA	CGGATCGGAT
30	76441	GCGGCTATT	GCACATTGGT	TTTAAATCTA	ATGTTTTTCCA	TAAACGAGGG	ATGCTGCTT
	76501	TTATTGGCGC	TGATTCCAAC	TTTGTTAGTC	CAAGGAGCAC	ACGACGGTTA	TGTAAATTTA
	76561	TTGATACAAA	CGGCCAATTG	CGTTAGAGAA	ACCGGCCAGT	TAATTAATAT	ACGCCCAATG
	76621	CCGCGGATTC	AAGACGGCCA	TCGCCGATTT	CCCATATATG	AACTATTTTC	ATCTTGGATA
	76681	TCAACATCAT	CTAGACTGGG	GGATACCTTG	GGAACCTCGC	CAATTTTACG	CGTCTGTGTG
35	76741	TTTGATGGAC	CCTCTACTGT	TCATCCGGGA	GACCGCACGG	CCGTGATTCA	AGTGTAACA
	76801	GGTGTTAATA	AAAACACAAC	CAGTCTAGTT	ACATTTTACG	CGTCTTGT	TTATTTAATA
	76861	GGCATAAACA	CGGAATCCGG	TATACATGAA	CTGCCAATAT	ACACGGACAT	AATTAATGCA
	76921	ACCATCAGAT	CATCTGACAT	TGTTCCCGTG	GTACCTTTAC	CCGTGTAAGT	TTTTGTGTCT
	76981	AGATTACCCA	TACCGCCTTT	AATTACCTCT	GTCAGGTTAT	CCAAGTGT	ACATAGATAC
40	77041	TCCACGGGGT	CTACACCTAA	CTTTACTGTT	AGGGATACAA	GCTCCTGTGA	GGCTATTATA
	77101	TTTCCGGAGT	TAAATCGTTT	AACAAAATAG	TCTACGGCCG	GCGTTTTTTG	TTTTTGTAA
	77161	AAAAAAAAG	GGTACGCCAC	GCTACATCCG	GGAGGTATGG	AATGATAAAA	CAGTAACACT
	77221	GGAGCGGAAG	ATAGCACGTT	TCCCTTTTTCG	AGGACAGCAA	ACTGTTGTGC	TATAGCCAAC
	77281	GATATGGCAA	CTGCAGAAATC	CTGGCTGCTG	TTTCCCTCTA	TAGAAAACGTG	TACGTTTGTA
45	77341	AATGTATTGG	GGTGTAAGC	GAGTATGTGG	CCTAAGCATT	GAGTAACGCA	ACGCCCTATC
	77401	TCAC TGGAAG	ACGTGCCAGT	TAAAGCTCTA	AGAAAAAAGT	GCTCCAATCC	AAATATAATC
	77461	CAATCCGACT	TATAACGACC	AACAATCGCT	ACACCAGTAC	CAGACGCTCG	TGTATTTGAG
	77521	GTAAATGCAG	GGTCTACGTA	AACGTACAAC	ACTGACGATA	ATATAGCACA	ATTTCGCAACG
	77581	GTTGACGGCC	GATATAAAAT	AAACCTCTCA	CGGGCAGTTT	TTGTAAATAA	TGGCCGGTCA
50	77641	AACCCACAC	CCCCAGAATT	CTGTTTACG	CCACCTACAA	TTTCTGTCAC	GAAGGAGTCG
	77701	GCCATAAATA	AATCTGCAGT	GCGCCGATG	GCTCCATCCA	TTGTGATGAA	AACCGGCTTA
	77761	TTTAATACAT	AACACGAACA	AGCTGTGACA	TCGCTATGTG	CTAAAAACACG	CGGCATGTGA
	77821	TCGTCGCATA	CATATGTAA	AACGTTTAA	AACTGATCCG	ACGATCCACG	TAAGTTATAC
	77881	AAAAAACTTG	TACTTGCTTT	TCCGGTATTT	GTTGATGAAA	CAAAAAATAAT	TTTACAATTG
55	77941	GT'TTGATTTA	AAAATCCGAC	TATAGTTTGT	ACAGCATCAG	GTCGAATAAA	ATTAGCTTCA
	78001	TCCACAAACA	GAAGATTAAA	ATCTTGACCT	CGGATACCC	GGAACGATAG	AAAGATATAT
	78061	AGTTACCCCA	CCAAAGTTTA	AATGTATCCT	TAAATACCAC	GTACGTAAAA	AATGTTTGAA
	78121	TACGTACATA	TTTCTTTTTT	TTTTCCAGTA	CAACCATATC	CGGTGTATAA	TGGAAGCCCA
	78181	TTTGCAAAT	GAAACCAAAC	ATGCACTTTG	GCATAATGAT	CACACAAAAG	GATTACTACA

	78241	CGTTGTGATA	CCTAACGCGG	GGCTTATTGC	GGCCGGAATA	GATCCCGCAT	TACTGATTTT
	78301	AAAGAAACCC	GGACAACGCT	TCAAGGTTGA	AGTACAAACA	AGATATCATG	CTACAGGTCA
	78361	ATGCGAACCG	TGGTGTCAAG	TTTTCGCCGC	GTACATTCCC	GATAACGCCT	TAACAAATCT
5	78421	CTTAATACCA	AAAACGGAAC	CATTTGTTTC	ACACGTTTTT	TCGGCCACGC	ATAATTCAGG
	78481	GGGATTGATT	TTATCATTGC	CTGTTTATCT	TAGCCCCGGT	TTATTCTTTG	ATGCATTTAA
	78541	CGTTGTAGCG	ATACGAATAA	ATACTGGAAA	CCGCAAGCAC	CGTGATATTT	GTATTATGTA
	78601	TGCAGAACTA	ATCCCAAACG	GAACGCGTTA	TTTTGCTGAT	GGACAACGGG	TACTTTTATT
	78661	ATGCAAACAG	CTGATTGCGT	ATATCCGATG	CACCCCTCGT	CTTGACATCGT	CTATAAAAAAT
10	78721	ATACGCAGAG	CATATGGTGG	CAGCCATGGG	TGAATCACAC	ACGTCAAATG	GGGACAATAT
	78781	TGGACCCGTT	TCATCCATAA	TCGATCTTGA	TCGACAGTTA	ACTTCTGGAG	GTATTGATGA
	78841	CTCCCTTGCT	GAAACACGCA	TACAGGAAAA	TAATCGGGAC	GTCCCTTGAGC	TAATAAAACG
	78901	GGCCGTAAAC	ATTGTTAACT	CCAGGCACCC	CGTCCGACCT	TCTAGTTCCC	GCGTTGCATC
	78961	TGGGTTGCTT	CAAAGTGCAA	AGGGCCACGG	AGCGCAAAC	TCCAACACAG	ATCCGATCAA
15	79021	TAACGGTTCC	TTTGATGGCG	TCCTTGAGCC	GCCTGGACAA	GGGCGATTTA	CGGGAAAGAA
	79081	AAACAATTTC	TCCGCCAGCA	TCCCACCTTT	ACAAGACGTT	CTATTGTTTA	CCCCAGCTTC
	79141	GACAGAACCC	CAAAGTCTTA	TGGAATGGTT	CGACATCTGT	TATGCCCAAT	TAGTTAGCGG
	79201	GGACACTCCA	GCAGATTTCT	GGAAACGGCG	TCCCCTATCA	ATTGTACCGC	GACATTACGC
	79261	AGAATCCCCC	AGTCCGTTGA	TTGTAGTATC	TTACAACGGA	TCCTCTGCCT	GGGGAGGACG
	79321	TATTACCGGA	AGTCCAATTT	TATATCACTC	TGCACAGGCT	ATTATTGATG	CTGCGTGTAT
20	79381	AAATGCCCGG	GTTGACAATC	CCCAAAGCCT	ACATGTGACA	GCTCGCCAAG	AGCTAGTCGC
	79441	GCGTTTACCG	TTTTTGGCTA	ACGTCTTAAA	TAATCAAACC	CCCTTACCCG	CCTTTAAACC
	79501	AGGCGCCGAA	ATGTTTTTAA	ACCAGGTATT	TAAACAAGCG	TGTGTGACAT	CGCTAACCCA
	79561	AGGTCCTTATA	ACGGAGTTAC	AAACGAACCC	GACTCTACAA	CAACTCATGG	AATATGATAT
	79621	TGCAGATTCT	TCCCAAACGG	TTATTGATGA	AATTGTAGCC	CGCACACCAG	ACCTGATTCA
25	79681	GACTATAGTT	TCGGTGTTAA	CGGAAATGTC	AATGGATGCG	TTTTATAACA	GCTCCTTGAT
	79741	GTATGCGGTT	TTGGCGTATC	TGTCATCTGT	ATATACACGA	CCACAAGGTG	GGGGGTATAT
	79801	ACCCCTACCT	CACGCTTCCT	TCCCATGCTG	GTTAGGTAAT	CGTTCTATAT	ATTTATTTGA
	79861	CTATTATAAT	TCAGGAGGGG	AAATACTTAA	GCTTTCCAAG	GTCCCGTTTC	CCGTAGCCTT
	79921	AGAAAAGGTT	GGTATTGGTA	ATTCCACACA	ACTGAGGGGT	AAATTTATAC	GCAGCGCGGA
30	79981	TATTGTTGAT	ATTGGAATTT	GTTCTAAGTA	TTTACCCGGT	CAATGTTACG	CGTACATTTG
	80041	TCTAGGATTT	AACCAGCAAT	TACAATCCAT	TTTAGTTTTA	CCGGGGGGAT	TTGCGGCATG
	80101	TTTTTGTATT	ACCGATACCC	TACAGGCAGC	ACTACCTGCA	TCGTTAATCG	GACCTATTCT
	80161	AGACAGATTC	TGCTTCTCTA	TTCCCAACCC	CCATAAATAA	ATTAGTGTC	CTATAAAAA
	80221	ATAACACCAG	AATCTCTTCA	TATGTAAATTT	TACGTCATTT	CTCCCGTTTC	CACCCCTCT
35	80281	TAAAATATAA	AATAACCGGG	TGGGTGGCAT	TAAACCCACA	AGTACCCGGG	CGGCAATCCG
	80341	CTAGACTGTT	TTTCTGCTCA	TGGAATTACA	ACGCATATTT	CCGCTGTACA	CCGCTACGGG
	80401	TGCAGCGCGC	AAATTAACCC	CCGAGGCAGT	TCAGAGACTC	TGCGATGCAT	TAACGCTGGA
	80461	TATGGGATTA	TGGAAGTCCA	TCCTGACCGA	TCCCCGGGTG	AAAATAATGC	GATCAACTGC
	80521	TTTTATAACT	TTAAGGATCG	CTCCGTTTAT	CCCCCTTCAA	ACGGATACTA	CTAATATTGC
40	80581	CGTTGTTGTA	GCCACAATTT	ACATCACGCG	CCCACGTCAG	ATGAACTTAC	CTCCGAAGAC
	80641	TTTTTCATGTA	ATTGTAAATTT	TTAATTACGA	GGTCTCGTAC	GCAATGACGG	CGACTTTAAG
	80701	AATTTATCCG	GTTGAAAACA	TAGACCATGT	TTTTGGAGCA	ACGTTTAAAG	ACCCGATCGC
	80761	GTACCCCTTT	CCAACATCTA	TTCCGGATCC	TCGAGCAGAT	CCCACCCCCG	CAGATCTTAC
	80821	ACCAACGCCA	AACTTAAGCA	ACTACTTACA	ACCCCGCGGG	CTTCCGAAAA	ATCCATACGC
45	80881	ATGTAAAGTT	ATTTCTCCGG	GAGTGTGGTG	GTCAGACGAA	CGAAGGCGTT	TATATGTACT
	80941	GGCTATGGAA	CCTAATTTAA	TAGGGCTATG	TCCCGCCGGA	TGGCATGCTC	GGATACTTGG
	81001	CTCTGTATTA	AATCGACTCC	TCAGCCATGC	GGACGGATGT	GATGAATGTA	ATCATAGAGT
	81061	TCACGTGGGG	GCACTGTATG	CGTTACCCCA	TGTCACAAAT	CATGCGGAAG	GTTGTGTGTG
50	81121	TTGGGCTCCG	TGTATGTGGA	GAAAGGCCGG	TCAGCGGGAA	TTAAAAGTGG	AGGTAGACAT
	81181	TGGCGCCACG	CAGGTTCTTT	TTGTAGATGT	CACCACCTGC	ATTCTGAATTA	CGAGTACTAA
	81241	AAATCTTCGC	ATTACCGCAA	ATCTTGGCGA	CGTTATAGCG	GGAACCAACG	CCAGTGGTCT
	81301	CTCTGTACCA	GTAAATTCAT	CTGGGTGGCA	GCTTTATATG	TTTGGAGAAA	TACTAAGCCG
	81361	GGCTATTATT	AACGGCTGTG	GTCGTCTTCA	GCGAATTTGC	TTCCCCGAGA	CACAAAGATT
	81421	ATCGGGTGAA	CCGGAACCTA	CAACCACCTA	GTATACCTTA	ACTCAACCGC	CGTTGTGGAA
55	81481	AGGTATATGT	CAACATTTAC	AGTAATATAT	TAAAGGTTAA	ATTTATAAAA	CACCTACGTT
	81541	TGTGTTGTGA	CTTGACGCGA	ACACCGCTGT	GCTGTAAGAC	CCGTCTGGTAA	ATGAAAACGT
	81601	AATAGATTCT	CCTTTTACAT	GATCCACGTA	ATTTGCCCCA	AACCACTGTT	CCAGGCGAGA
	81661	CTTGATACCC	TCAAACACGG	GTTCCGTTGC	TTTGCGTATA	TGAGCCGTAT	AACCCACTTT
	81721	AATTCCTCTA	AACGTGGCCA	TTAATAAGC	TATTAATGGT	ACAAGAAACC	ATGTTTTCCC

	81781	ATGTCTACGT	GGTACCAAAA	ACACAGTTGA	TTTTTGTTTG	AAGTGTTCTA	AAACACTGTC
	81841	AGAAACACTT	GGCGTGTTAA	ACACTGTACG	CAGAAAGCAG	TCAACTCTGT	CGGCATGATC
	81901	GCCCAATAGC	ACCGATGAAA	TAAATGCGT	GGTGTGCATG	AGGATCATTT	TTTGAAACAG
5	81961	TTCCAACGTC	CCCTTATATC	TGCCATAGAT	TGGAACGTCA	ACCTTTGCGC	GTTTGCCATG
	82021	ACTTCCACAC	TCTTCAATAC	TCTCAAAAGA	TGTTTCCACA	AGGTACGAAA	ACCGTTGTGT
	82081	AAAGGTAGAC	AACTGACAGA	AACTATCCGA	CAGAGAAAAC	GCGCGAAATG	TGTTCATAAC
	82141	ACCGCTATAC	GCATTTTCGAT	GAGGTGCTGC	TTCTTCCGGT	GAATATTCAT	AAAACGTGAC
	82201	ACTACTGACA	GCCTTTTTTA	ATTCAGGGCT	TACGTTTGCA	TTTACCGAAT	ATCGCCATGG
	82261	TTTCAAAACT	ACATTGGGGG	TACAGTTGTA	CCCTGTTGAC	GATAGAAACG	CGCCAAACAT
10	82321	TGCCCCGTCG	GCAGTAGCCG	AGAACAGTGG	AATATATTCA	CAACAGTTGT	GAAGCGTTCC
	82381	AATTCGGGA	ATAACGGCCT	GATGACGTCG	GGTTACATCT	ATAGCAAAAT	TCAGAAACGG
	82441	GATTTGGGTT	GCGTTTCCCA	GAGACCCTTG	CCGCGTGGAA	CACGGGGTAG	GGGACTCCAA
	82501	CGTCCCAAAG	CGTTCATCCC	TACGACGCTT	TAGACGTTCA	AAATATCTTA	CAGATTCTTC
	82561	ACCAAGCGTA	CGACCAAACA	TTATCAATGA	CATTTAACAT	CAATTCACGG	AATCCGCCTC
15	82621	ATCTCTTGTA	AGCAGTAAAA	CAGGAAGCCG	CGTCATCTTA	CGTACTCGTT	ACGTATATAT
	82681	CATAAACATT	TTTCAGGGCCG	CATTCAATCA	CTTTGGTTCAT	GTCAGGCCAC	ACTCCAACCT
	82741	ACGCTTCTCA	TAGGCGTAAC	CGTGTCAAAC	TAGTTGAGGC	GCATAACCGC	GCGGGGTTAT
	82801	TTAAAGAACG	GACCCCTCGAT	CTAATCCGTG	GGGGTGCGAG	TGTACAAGAT	CCAGCATTTG
	82861	TGTATGCCTT	TACTGCTGCA	AAAGAGGCCT	GCGCCGATTT	AAATAACCAG	CTCCGCTCTG
20	82921	CAGCTCGCAT	AGCTTCAGTT	GAACAGAAGA	TTCGTGATAT	ACAATCCAAG	GTTGAGGAAC
	82981	AAACAAGTAT	TCAACAGATT	TTAAATACAA	ACAGACGCTA	TATAGCACCC	GATTTTATTC
	83041	GCGGTTTGGA	TAAACAGAA	GACGATAATA	CCGATAATAT	AGACAGACTG	GAAGACGCGG
	83101	TAGGACCGAA	CATCGAACAC	GAAAATCATA	CTTGGTTTGG	AGAAGACGAC	GAAGCGTTAC
	83161	TTACACAATG	GATGCTGACG	ACACACCCCC	CAACCTCCAA	ATATCTCCAA	CTGCAGGACC
25	83221	TTTGCGTTCC	CACCACAATA	CCGACGGACA	TGAACCAAAT	GCAACCGCAG	CCGATCAGCA
	83281	AGAACGAGAA	TCCACCAACC	CCACACACGG	ATGTGTAAAT	CATCCATGGG	CCAATCCGTC
	83341	AACTGCAACA	TGCATGGAAT	CACCAGAACG	ATCACAACAG	ACAAGCTTAT	TTTTATTAAA
	83401	GCACGGCTTA	ACGAGAGATC	CAATACATCA	ACGCGAAAGG	GTGGACGTTT	TTCCACAATT
	83461	TAACAAACCC	CCATGGGTTT	TTAGAATTTT	CAAAATATCC	CGTTTAATTG	TACCCATCTT
30	83521	CACGCTCAAT	GAACAGTTAT	GTTTTTCTAA	ATTACAGATT	CGAGATAGAC	CCAGGTTTGC
	83581	GGGACGGGGA	ACGTATGGGC	GTGTTTCATAT	ATACCCATCG	TCAAAAATAG	CTGTAAAAAC
	83641	CATGGACAGT	CGTGTTTTTA	ATAGAGAGTT	AATTAACGCG	ATTTTAGCGA	GTGAGGGTTC
	83701	TATACGAGCA	GGGGAAAGGC	TAGGTATTTT	TAGCATAGTT	TGCCTTTTAT	GTTTTTTCGT
	83761	ACAAACCAAA	CAGCTACTGT	TTCCGGCATA	CGACATGGAT	ATGGATTGAAT	ACATTGTTTCG
35	83821	CCTGTCCAGA	CGGTTGACAA	TACCTGATCA	CATAGACAGA	AAAATTGCCC	ATGTATTTTT
	83881	AGATTTGGCT	CAAGCGTTGA	CGTTTTTAAA	TGGAACGTGC	GGCCTGACCC	ACCTAGATGT
	83941	GAAATGTGGC	AATATTTTTT	TTAACGTCGA	CAACTTTGCC	TCGTTGGAAA	TAACCACAGC
	84001	AGTAATCGGA	GACTATAGCC	TAGTAACATT	AAATACGTAT	TCCCTTTGTA	CTCGAGCGAT
	84061	ATTTGAAGTT	GGAAATCCAT	CCCACCCGGA	GCACGTACTA	CGCGTACCCC	GGGATGCATC
40	84121	GCAGATGTCA	TTTCGTTTGG	TGTTGAGTCA	TGGAACAAAC	CAACCCCTTG	AAATCTTGCT
	84181	TGATTATATT	AATGGAACGG	GCCTTACTAA	ATATACTGGA	ACCTTGCCCC	AAAGAGTTGG
	84241	ACTTGCGATT	GATCTTTATG	CATTGGGCCA	AGCACTCTTA	GAAGTTATCC	TGCTAGGACG
	84301	TCTTCCCGGA	CAACTGCCCA	TTTCAGTACA	TCGGACCCCG	CATTATCATC	ACTACGGTCA
45	84361	TAAGTTATCA	CCAGATTTGG	CGCTTGATAC	GCTGGCATAT	CGATGTGTCC	TGGCGCCATA
	84421	TATACTCCCA	TCTGACATCC	CCGGGGACTT	AAATTATAAT	CCCTTTTATAC	ACGCCGGAGA
	84481	GCTGAACACC	CGTATTTCCC	GGAATTCTTT	ACGCCGGATA	TTCCAGTGTC	ACGCAGTGCG
	84541	TTACGGCGTA	ACGCACTCAA	AGCTTTTCGA	AGGCATACGC	ATTCCGGCCT	CATTATACCC
	84601	AGCCACTGTT	GTTACATCGT	TGTTGTGTCA	CGATAATTCA	GAAATACGCT	CGGATCACCC
	84661	TTTATTATGG	CACGATCGGG	ATTGGATAGG	ATCGACATAA	GCCCCAGCC	AGCCAAAAAA
50	84721	ATTGCCCGTG	TGGGAGGTCT	ACAGCACCCCT	TTTGTA AAAA	CGGATATTAA	CACGATTAAC
	84781	GTTGAACACC	ATTTTATAGA	CACGCTACAG	AAGACATCAC	CGAACATGGA	CTGTCGCGGG
	84841	ATGACAGCGG	GTATTTTTAT	TGTTTTATCC	CACATGTATA	AAATTCTAAC	AACTCTGGAG
	84901	TCTCCAAATG	ATGTAACCTA	CACAACACCC	GGTTCTACCA	ACGCACTGTT	CTTTAAGACG
	84961	TCCACACAGC	CTCAGGAGCC	GCGTCCGGAA	GAGTTAGCAT	CCAAATTAAC	CCAAGACGAC
55	85021	ATTAAACGTA	TTCTATTAAAC	AATAGAATCG	GAGACTCGTG	GTCAGGGCGA	CAATGCCATT
	85081	TGGACACTAC	TCAGACGAAA	TTTAATCACC	GCATCAACTC	TTAAATGGAG	TGTATCTGGA
	85141	CCCGTCATTC	CACCTCAGTG	GTTTTACCAC	CATAACACTA	CAGACACATA	CGGTGATGCG
	85201	GCGGCAATGG	CGTTTGGAAA	AACCAACGAA	CCGGCGGCAC	GAGCGATAGT	TGAAGCATTG
	85261	TTTATAGATC	CGGCTGATAT	CCGTACTCCT	GATCATTTAA	CGCCAGAAGC	TACAACCTAAG

	85321	TTTTTTAATT	TTGACATGCT	CAATACCAAA	TCTCCAAGTC	TCCTTGTGGG	TACACCAAGA
	85381	ATCGGAACGT	ATGAATGTGG	ACTTTTAATC	GACGTTTCGAA	CGGGACTTAT	AGGCGCGTCG
	85441	TTGGACGTTT	TTGTATGTGA	CAGGGACCCT	TTAACTGGCA	CCCTAAATCC	CCACCCTGCA
5	85501	GAAACCGACA	TTTCATTTTT	TGAAATTAAA	TGTCGTGCTA	AATACCTCTT	TGATCCAGAT
	85561	GACAAAAATA	ACCCGCTCGG	TCGGACGTAC	ACCACGTTAA	TAAATAGACC	TACAATGGCA
	85621	AATCTACGGG	ACTTTTTTATA	TACTATAAAA	AACCCATGTG	TAAGCTTCTT	TGGACCCCTCA
	85681	GCAAACCCAA	GTACACGCGA	GGCCTTAATA	ACGGATCACG	TTGAATGGAA	ACGTTTAGGA
	85741	TTTAAAGGTG	GGAGGGCCCT	TACAGAACTC	GACGCCCATC	ATTTGGGCCT	CAATCGGACA
	85801	ATCTCATCCC	GAGTGTGGGT	ATTTAATGAT	CCGGACATAC	AAAAGGGGAC	AATTACAACC
10	85861	ATTGCATGGG	CCACTGGAGA	TACGGCTCTT	CAAATTCCTG	TATTTGCCAA	TCCGCGGCAC
	85921	GCTAACTTTA	AACAAATTGC	CGTACAAACC	TATGTATTAT	CCGGTTACTT	TCCAGCGCTA
	85981	AAACTACGGC	CCTTCCTTGT	CACCTTTATA	GGACGTGTGC	GCCGACCACA	CGAGGTGGGA
	86041	GTCCCATTCG	GCGTCGATAC	ACAAGCGGCT	GCCATTTACG	AATATAACTG	GCCGACTATC
15	86101	CCACCCCACT	GTGCGGTTCC	GGTTATAGCC	GTTCTAACGC	CTATCGAAGT	TGATGTGCCT
	86161	AGAGTGACAC	AAATACTTAA	AGACACAGGA	AACAACGCGA	TTACATCAGC	ATTGCGGTCA
	86221	TTGCGATGGG	ACAATCTTCA	TCCAGCGGTC	GAGGAGGAAT	CTGTGGATTG	TGCAAACGGT
	86281	ACAACGAGCT	TGTTACGTGC	AACGGAGAAA	CCGTTGCTTT	GAAGTCAGAG	TTCTTTGAAG
	86341	ACTTTGACTT	TGATGAGAAT	GTAACAGAGG	ACGCCGATAA	ATCCACACAA	CGCCGCCAC
	86401	GAGTGATCGA	TGTAACACCA	AAACGAAAAC	CTTCGGGAAA	GAGCTCCCAT	TCCAAATGCG
20	86461	CAAAATGTTA	AACCCTGATA	AACCCTGATA	AACGTTCTAA	TAAAAACATC	AAATCATGGT
	86521	TGGTTACTGT	GAATGTTTGT	TTTATTGCTT	GGGGGTTTAC	AAGTACAACC	CACGCTACTC
	86581	CCACCCACTG	TTTGATCGCT	CGTATAACAG	CTCATCCTCG	CGGTCCGTTT	CATATGTTGA
	86641	GTCATTTTCA	TAGACGTAGC	CGTAGCCTTG	TGATGGGTAA	TTTGTGCGGC	GAGAATTTCT
	86701	ATGTGCAGGT	TTTACTTTTC	GTATGTATCC	CCGTACCCGC	TCGGGTACTC	TTCTTACGGC
25	86761	ACCGTAGAAC	CGACTGCGTT	TCTGTCGATG	ATACACATAT	GCACGCATCA	ATCTGAGAAG
	86821	CAACATGACA	ACGGAATAAC	CGGCCAGGCA	AGCCAAGGTT	CCCCGAGTTG	TGGGAATTAA
	86881	CCGTGGAGAT	TGAACCGATA	TAGGGTCATA	TAATCGGTCC	ATATACGAGT	GCGCGGCGGT
	86941	TCCCAACGTA	GCACAGGCCA	CGAGCGTTCC	CAGGGACGGT	CCTATTAACA	CGTGTATATA
	87001	ATGCGCCAAA	ATTAATTCTG	ATACTATAAG	ATATACAAC	GACAATGTAC	TAAATGTAGA
30	87061	CATGGCCACG	GACACCGATG	ACCACAGTCC	CGTATGTAGA	TGATTCCGCA	CCACAAGTTC
	87121	CAGCATTAAT	GATACAAATA	GGATACATAT	CGCCATCAAC	GCAGCCATCA	AATTCACGAA
	87181	CACTGCGCGC	GTAGGCCCCG	CAAGGCGATA	TAAAAAGACG	CTCTGCTGTC	GTAAATTTGC
	87241	GACCGCTTTT	ATGTTCTGTT	CGTCCAATTT	TCCGCGTCCA	CAAAAATACG	TTGTAAATAT
	87301	TACTTTGTC	GCAAAATGTC	CAAGATATAA	TGTAGCAGCC	ACGCCGATTT	GCTTGTAAGC
35	87361	TAATAATAAC	ACAACGGCGT	TTAATAACCA	CAATGACAAA	AGACCCCAAA	AAAGTGTGTG
	87421	GGGATCTACA	ACTAACCATG	CAACACCGGA	GCTTTGCCGG	ACACGTTGAT	TTTTCGTTTC
	87481	TCGGTGTATA	ATCGCGGCCG	TGATCAGTGT	ATATACCGCC	ATGGCCATTG	CCGTTAAAGC
	87541	CGTGTAAGTA	GTAAATGCCA	CAACGCTATG	TGGTTCCAAA	AACAAAACCG	GGGCGCTGTA
	87601	TCCACCTCTA	TTTCCGGACC	ATACCCCCCC	ATCTAGGGTG	GCGTTAAATA	ACTCATAATC
40	87661	AACTACGGCA	GCATAAAAAAC	AAGGGATCCC	GGTATATTCA	GAAGAGGCGG	CAATTAACGT
	87721	AGCCAGGAGC	ATTACCGCAC	CCAAAGTGAA	CATCATCACC	TGAATTATCC	AAATTCGCCA
	87781	ATTAAGCGTA	TCCATTTGAT	GATCTAACGC	TTCCACCTCG	GGTGTCTGGG	TGTCGTACGG
	87841	CGAGACTTTT	TCAGAACGCG	GCCCCCTTCT	TTGAGTTCCC	ATGTCTCCCA	ACACCGGGGA
	87901	GAGCAACGCC	GCCGTCTATG	CGTCCAGTAC	ACAGCTCGCG	CGGGCGTTAT	ATGGAGGGGA
45	87961	TCTGGTTTTCG	TGGATTAAAC	ACACCCACCC	GGGAATTAGC	CTGGAAGTGC	AATTGGATGT
	88021	TCCAGTAAAA	CTAATAAAAC	CTGGTATGTC	ACAAACTCGC	CCGGTAACCG	TCGTACGTGC
	88081	CCCTATGGGC	TCTGGTAAAA	CAACAGCCTT	GCTTGAGTGG	CTTCAACACG	CGTTAAAGGC
	88141	AGATATTAGC	GTAATGGTTG	TCTCATGTGC	CCGTAGCTTT	ACCCAGACGT	TGATTCAACG
	88201	GTTTAACGAT	GCAGGCCTCT	CCGGATTTCG	AACATATTTG	ACATCCGAGA	CATATATTAT
50	88261	GGGTTTTTAA	CGTTTGTATT	TGCAACTTGA	AAGCCTACAC	CGCGTATCCA	GCGAAGCTAT
	88321	CGACAGCTAC	GACGTATTAA	TACTGGATGA	GGTAAATGCA	GGTATTGGAC	AATTATACTC
	88381	CCCCACAATG	AGACGTCTTT	CCGCGGTTGA	TAGCCTATTA	TATCGTCTTT	TAAATCGCTG
	88441	TTCTCAAATT	ATCGCGATGG	ATGCTACAGT	AAACTCGCAG	TTTATTGATT	TAATCTCCGG
	88501	ATTGCGTGGA	GATGAAAACA	TACACACAAT	TGTGTGTACA	TACGCGGGAG	TTGGGTTCTC
55	88561	CGGAAGAACT	TGCACGATCC	TGCGTGATAT	GGGCATCGAC	ACGCTTGTGC	GAGTCATTAA
	88621	ACGATCTCCT	GAACACGAGG	ATGTACGTAC	CATACACCAA	CTACGTGGAA	CATTTTTTGA
	88681	CGAACTAGCA	CTACGATTAC	AATGTGGGCA	TAACATCTGT	ATATTTTCAT	CAACTTTATC
	88741	GTTTTTCGGAG	CTAGTTGCTC	AGTTTTGTGC	AATATTTACA	GACTCTATTC	TTATTTTAAA
	88801	CTCAACTCGG	CCCCTATGTA	ATGTAAACGA	ATGGAAACAT	TTTCGCGTGT	TGGTGTACAC

	88861	TACCGTCGTG	ACCGTTGGAT	TGAGTTTTGA	CATGGCTCAT	TTTCATAGCA	TGTTTGCTTA
	88921	CATAAAGCCA	ATGTCATATG	GGCCGGATAT	GGTATCGGTC	TACCAGTCAT	TAGGGCGTGT
	88981	ACGTTTATTG	CTACTTAATG	AAGTTTTGAT	GTACGTCGAT	GGCTCAAGGA	CCAGATGCGG
5	89041	ACCCCTGTTC	TCGCCAATGT	TACTAAACTT	TACCATCGCA	AATAAATTTT	AATGGTTTCC
	89101	TACACACACC	CAAATAACTA	ACAAACTGTG	CTGTGCATTT	AGGCAACGAT	GTGCAAATGC
	89161	ATTTACACGC	TCGAACACCC	ATCTCTTCTC	AAGATTTAAA	TACAAACACC	TTTTCGAGAG
	89221	ATGCTCTCTT	TGGAGTTTAG	CCGATAGCAT	TAATATCTTA	CAAACCTCTT	TGGCCTCTAA
	89281	CCAAATTTTG	GTTGTATTGG	ATGGCATGGG	TCCAATAACG	GACGTTTCCC	CAGTTCAATT
10	89341	TTGTGTCATTT	ATACACGATC	TCAGACATAG	CGCTAACGCC	GTAGCTTCCCT	GTATGCGTTC
	89401	TCTTAGACAG	GACAATGACA	GCTGCTTGAC	CGATTTTGGC	CCTTCCGGAT	TTATGGCCGA
	89461	TAACATTACC	GCGTTTATGG	AAAAGTATCT	TATGGAGTCA	ATTAATACCG	AAGAACAAAT
	89521	TAAAGTATTT	AAAGCCCTTG	CATGTCCAAT	AGAACAGCCT	AGACTAGTCA	ATACGGCAAT
	89581	ATTGGGGGCG	TGTATACGAA	TACCTGAAGC	GTTGGAAGCA	TTTGACGTAT	TTCAAAAAAT
15	89641	ATACACGCAC	TACGCTTCCG	GTTGGTTTCC	CGTCTGGAC	AAAACCGGGG	AATTTAGCAT
	89701	CGCGACTATA	ACTACCGCCC	CAAATTTAAC	CACACATTGG	GAGCTGTTTC	GCCGTTGTGC
	89761	CTATATTGCA	AAAACACTCA	AGTGGAATCC	GTCCACCGAA	GGCTGTGTAA	CACAAGTTTT
	89821	GGATACGGAC	ATTAATACAC	TTTTCAATCA	ACACGGGGAT	TCGCTGGCTC	AACATAATTT
	89881	TGAGGTTATG	CGCTGTAACG	TTACTGACGC	TAAGATTATA	TTAAACCGCC	CGGTTTGGCG
	89941	AACAACCGGA	TTCTTAGATG	GATGCCATAA	TCAATGCTTC	CGTCCAATCC	CTACAAAACA
20	90001	CGAATATAAC	ATTGCTCTAT	TTGCTTTAAT	TTGGGAACAA	TTATTTGGCG	CCCGCGTAAC
	90061	TAAAAGTACC	CAGACCTTTC	CGGGAAGTAC	TCGTGTGAAA	AACCTAAAAA	AAAAAGATCT
	90121	AGAAACTTTA	CTTGATTCAA	TTAACGTGGA	TCGTTCTGCA	TGTCGTACCT	ACCGCCAGTT
	90181	GTATAACCTG	CTTATGAGCC	AGCGCCATTC	GTTCTCTCAA	CAGCGTTACA	AAATTACTGC
25	90241	CCCCGCTTGG	GCACGCCACG	TGTATTTTCA	AGCACATCAA	ATGCACTTGG	CCCCGCATGC
	90301	CGAAGCCATG	CTACAATTAG	CGCTATCGGA	ACTGTCCCCG	GGATCGTGAC	CGCGGATAAA
	90361	CGGGCGGGTA	AATTTTGAAA	GTTTATAACC	CGTTAATACC	ATATATGGAG	ATCCATAGGG
	90421	GGGGTTACAT	AAATACTAAG	CCTCTGTACA	ACACAAAGGG	CCTCTAACAA	TGCACTGAAC
	90481	CACAACCAAG	CTATGGACGC	AACGCAGATT	ACCTTGGTTA	GAGAAAGCGG	ACACATTTGT
	90541	GCCGCAAGCA	TATACACATC	CTGGACACAG	TCCGGACAAT	TAACACAGAA	CGGTCTTTCC
30	90601	GTGTTATACT	ACTTATTATG	CAAAAACCTCA	TGTGGGAAAT	ACGTCCCTAA	GTTTGCCGAA
	90661	ATTACCGTAC	AACAAGAGGA	TTTATGTCGC	TACTCCAGGC	ATGGGGGGAG	TGTTTCTGCG
	90721	GCAACGTTTG	CGTCTATCTG	CAGGGCGGCG	TCCTCGGCTG	CGTTAGACGC	CTGGCCCCCT
	90781	GAACCACTGG	GTAACGCAGA	CACCTGGCGT	TGCTCCATG	GCACTGCCCT	GGCCACTTTA
	90841	CGGCGCGTAT	TAGGGTTTAA	ATCGTTTTAT	TCGCCAGTAA	CATTGAGAGC	TGATACGAAT
35	90901	ACAGGTCTTC	TGTTAAAAAC	AATCCCCGAT	GAACACGCGT	TGAATAATGA	CAACACGCCA
	90961	TCTACCGGAG	TAT'TGAGGGC	TAATTTTCCC	GTGGCCATTG	ATGTTTTCAGC	AGTCAGCGCA
	91021	TGTAACGCCC	ACACGCAAGG	TACGTCGCTA	GCCTACGCCC	GCCTGACCGC	ACTTAAATCT
	91081	AACGGTGACA	CCCAGCAACA	AACACCTTTA	GACGTGGAGG	TAATTACACC	AAAGGCCTAC
	91141	ATACGTCGGA	AATATAAGTC	TACGTTTTCC	CCCCCTATAG	AGCGGGAAGG	CCAAACCTCC
40	91201	GATTTGTTTA	ACCTTGAAGA	ACGCCGCTTG	GTTCTTAGTG	GCAATCGCGC	AATTTGTGGTA
	91261	AGGGTACTCT	TACCGTGTTA	TTTTGACTGT	TTAACAACGG	ATTCCACCGT	TACATCTTCC
	91321	CTTTCAATAT	TAGCAACATA	TAGACTGTGG	TACGCGGCGG	CGTTTGGAAA	ACCCGGGGTT
	91381	GTCCGTCCAA	TCTTTGCGTA	TTTAGGCCCC	GAACCTCAATC	CGAAGGGTGA	AGACAGAGAC
	91441	TACTTTTGTA	CTGTTCGGATT	TCCC GGATGG	ACCACTCTTC	GGACACAAAC	TCCAGCCGTC
45	91501	GAATCTATTC	GCACGGCTAC	GGAGATGTAC	ATGGAAACGG	ATGGGTTGTG	GCCAGTAACC
	91561	GGTATTCAGG	CCTTTTCATTA	TCTAGCCCCC	TGGGGACAGC	ATCCCCCTTT	ACCTCCGCGG
	91621	GTGCAGGATC	TTATTGGGCA	AATCCCTCAA	GATACTGGAC	ATGCAGATGC	AACTGTCAAT
	91681	TGGGACGCGG	GCCGGATATC	TACCGTCTTC	AAACAGCCTG	TACAACCTAC	AGATCGTTGG
	91741	ATGGCAAAGT	TTGATTTTCA	CGCCTTTTTC	CCCACGATAT	ACTGCGCTAT	GTTCCCCATG
50	91801	CATTTTAGAT	TAGGCAAAAT	CGTCTTGGCT	AGAATGCGTC	GAGGAATGGG	GTGCCATAAA
	91861	CCCGCGTTGG	TGTCTTTTTT	TGGGGGGTTA	CGGCACATAC	TCCCGAGTAT	ATACAAAGCT
	91921	ATTATTTTAA	TAGCCAATGA	AATTAGCCTT	TGCGTCGAAC	AAACGGCCTT	GGAACAGGGC
	91981	TTTGCTATAT	GTACTTATAT	AAAAGATGGA	TTTTGGGGAA	TCTTCACCGA	TTTACATACG
	92041	CGCAATGTAT	GTTTCAATCA	GGCACGTTGT	TCGGCCTTAA	ATTTAGCGGC	CACCTGCGAA
55	92101	AGAGCAGTCA	CGGGCTTATT	ACGAATTCAA	CTAGGTCTTA	ACTTTACACC	CGCCATGGAA
	92161	CCGGTACTCC	GGGTGAGGGG	TGTGTACACT	CACGCATTTA	CCTGGTGTAC	CACGGGAAGC
	92221	TGGCTGTGGA	ATTTACAAAC	AAACACGCCCT	CCGGATTTAG	TTGGCGTGCC	ATGGCGAAGT
	92281	CAGGCGGCGC	GAGATTTAAA	GGAGCGTCTT	TCAGGACTCC	TATGTACCGC	AACAAAAATT
	92341	CGAGAACGGA	TACAGGAAAA	TTGCATATGG	GACCATGTCC	TATACGACAT	ATGGGCGCGA

	92401	CAAGTTGTGG	AGGCTGCCAG	AAAAACATAC	GTCGATTTTT	TTGAACATGT	TTTTGATCGC
	92461	CGTTATACTC	CGGTATACTG	GAGTCTTCAG	GAGCAAAATT	CGGAAACAAA	AGCAATACCG
	92521	GCATCTTATC	TGACATACGG	ACACATGCAA	GATAAGGATT	ATAAACCAAG	ACAGATAATT
5	92581	ATGGTTCGTA	ATCCCAACCC	ACATGGACCT	CCTACTGTTG	TTTACTGGGA	ATTGCTACCA
	92641	TCGTGTGCCT	GTATTCCCCC	CATAGACTGC	GCTGCTCATC	TCAAGCCCCCT	TATACACACG
	92701	TTTGTCACTA	TTATTAACCA	TCTTCTAGAT	GCTCATAATG	ATTTTTCAAG	TCCATCATTG
	92761	AAATTTACTG	ACGATCCCCCT	TGCTTCATAT	AACTTCTTGT	TTTTATGACA	AAAAAACACG
	92821	CCGCAACAAC	CCATCCTTAA	AATAAAAGGT	TTATTTACTT	TACAACCCGT	GGTGAATTTT
	92881	TATACGTTTC	AAATAACTGA	ACATTTTTTCG	GTGTTACCAT	GGTGCGATTT	AACCACCAAA
10	92941	AATATACGCT	CTTCTGATAT	TCCGAATCTC	GTAAAGGTCC	ATTTAACAAT	CCCGGGGGTA
	93001	CTTGCAACAC	ACCATCTGGA	CAGGGGGGGG	TTCCGTGGGG	CAGGTCAAAA	CGCTGACCCA
	93061	CCCCACATGA	ATATATAGCC	TTTATAATAT	TGGGGGCCGT	TCCAGGCTGA	GGGTTTCAGTA
	93121	ACTTAACAAA	CATATAATGC	GGCAATACGC	GGGTTTTTGT	AAAGGGGTTG	TTATCAACGA
	93181	CATACATTAG	AGTGTTTAAC	AACCATAAAA	CTCCCTCATA	TAAAAACCGA	CGCATTTTTT
15	93241	CCAAAGGTCC	TATTTGACAC	TCAACGCGTC	TAAGATATAC	AGACAATTGT	ACAAACAGCG
	93301	ATGGAGATGC	CCCGGAGGGC	CCAATGCCTT	CCGATACAT	TAAAATAACA	CATAAGGTAA
	93361	AATCTAGGAC	ATTATCCGGG	CGGAATAGAG	TCATCCGATA	GATTAACAGG	CGCGGAGGCA
	93421	CCCCCACCCT	ATACACCCTA	TCTTCAACCG	CAGTTAATAC	GGAAAAAATA	AATCCGCGGA
	93481	ACGCTGGTTG	AGTAACACAC	TCCATGTAGT	AACGATCACA	GGACACCTCA	CTTGAATCAC
20	93541	CATTCAACAC	TACTAAAACG	GTCTCTTGGT	GTTCCGGTTT	TACGCGCAGT	GATACAACAG
	93601	AGTTTGCCAA	AAAGCGTGGC	TTCAAACCGG	TTACCTCCCG	CGCCTCGCAT	ACGAATCTTG
	93661	GTATTGCTTG	TATTCTAAGA	TCTTCGATCA	CGTCGCTCAC	ATCCAACCCC	TCTTCGGCTC
	93721	GTGTTAGTAA	GTTGTGCGATC	GTTACGCTGC	AACCTAAAT	GCTGGGTATA	TTTATTCGGG
	93781	ACATCCCATC	GGCCATCCCC	GCGCCTCCGG	TTTGCTCGAA	TTTTATCCGA	TAAGTTCGAA
25	93841	TCCGCTGCAT	TTACCTTGTG	TACCCGTAAAC	GCTCAGGGG	GGTGTCTTTT	CATAAAATGG
	93901	GATAGGTTTT	TATATCCAAC	ATGCATGTAT	TGGTTATTTA	TTTTATTGGG	TTCCGGGATT
	93961	CTTTCGTCAT	CTTCTGTAGG	GTCAGGCAAA	CCCCAGGAAG	GACTTGGTGT	TCTCCGTGGG
	94021	CCCCGTTTTA	TTACCTCTGC	GCGAACCTGC	ATTTTCATATA	ATATTCCGAT	TTGGGATAAA
	94081	TAGGACTCTG	TTCTCGCCTT	TTTAAAAATA	GCCTGGCATA	ACTCTTCCTC	TGACCTATGT
30	94141	ACCTCGCTTT	GAGTTACCAA	GAATCCTAAT	CGGGTGGCCC	GTAATATGAA	TGAAAAATAC
	94201	GGCGCAACTA	GTAATGAGAT	TGACGCATTT	GAATATGATA	CAGAAATTTT	CTGGCCTTGA
	94261	TTATTGTTTA	CCCGGTGAAG	CTTAAAAACG	CGAACAAGTT	CCTGTTTCCA	TAGCTCAGAC
	94321	AAACGTTTTA	TATCATCTCC	ATAAGGGGGG	ATATAACGAG	ATTGAAAAAT	ATTGGCAATA
	94381	TATGCATCAT	CCCCTATTAT	GCCGGTAAGA	TCTATAACCT	CGTGATTTAA	ATCGGCAATA
35	94441	CGTGTTTCTT	CTGCCATTGT	AATATGTGAC	CCTTTAGATG	GCTTTATTTT	TACCCTCTCT
	94501	TCCCGTAACC	GTTTCAGCTC	TCCTTCTTTG	AACTGGAGCC	TTTCGGTCAG	ATCGCTGTTC
	94561	ACATCCTTGA	GACCCTCAAT	GGTTTTGAAT	AAATTATTCA	CATAACCCCT	GAGCATGCCG
	94621	TTGATACTGT	TAACCACCGA	AGTTTTTAAAC	GCACCTTGAA	CGTTTGTGTG	TCCGGACATT
	94681	GCCCCCCCCG	TAAAGGATTG	GTTGGCCTTG	CCAAACCCCG	GTTGTGATGT	GTCCACCGAT
40	94741	CCACTTCCTT	CCAGAATGTG	ATTGCCCGTT	TCTTCTAGAT	AGGAACGTAC	GGTTTCGGTA
	94801	ATATCTCCAA	CATGTCTCAT	GTTTTTTAAG	TTAACATATTA	GCTTTACAAG	TCTAGACGCG
	94861	CCCGATCCAG	CCCGTGTGTG	ATCGTTCTCG	CCCATTATAC	GATCAACCGC	ACGTGTGCTG
	94921	TGAGATCTAT	CATCTTCATT	CCGGCGACCT	ATTAACACGC	GCAAACGGGG	TGTATTTAAA
	94981	ACTTGGCAGA	CGCGAGCATG	TTCACGTAAT	GCATAACAGG	CCAACACCTC	CCCAGAAAGC
45	95041	CGCTGTAAGG	GTGAGTCAAA	TACTACACCC	TCCCCACATA	CAACGGGCGG	CCACACGACC
	95101	AAACACTCTC	CCTTCATGCC	CGTTACATCA	TCCTTTGCCA	TAATTAATCT	TCGGTTATAA
	95161	TTATAATAAA	GACGCGTCCT	ATCATAATCC	ATAATAGCAA	CATTTTGCAT	AACTCAACT
	95221	AGGCTTGTGA	CAACCGCCGC	TCCTCTGGCC	AACGTTGCAT	CGGCAACTTT	TAACATCTGG
	95281	GACAGTTCTG	CCGCTTGACC	CATATACGTA	TTTAATGGTG	CAGGGGTTCC	ATTCTGTCTT
50	95341	GATCGTACCT	TTCTTACAAC	GGGCACAATA	CCTACACAGG	CTATCCAGTC	CACGTATTTG
	95401	GCAAAACCGA	CCCTTCCATT	TAAACCACTG	GTATAGAGAC	AACCGGTTAT	TCCACGCAGA
	95461	AACTCAAGTA	ACGATGACTG	TAATGTTTGA	CGCCAGGTTT	CAAAAACCTG	ATGTGCAAGC
	95521	CGTACGGCTT	CTGATTCTCC	ACATAGCCCA	TAACGTTCCG	CTAGAGCCCC	GGCATGCAGG
	95581	TTACATTGTT	GGATGTGGTG	TTCCCAATCT	GCTGCTAGGT	CCTCATACCG	AGTTGCATCC
55	95641	AACGCGTTCA	TCAAACCGGT	TGCCTGAACT	TGGCGAATTA	CAGTTTCCGT	AGACCGTACA
	95701	GCGCTATATA	TGCCTTGTCC	ATCGGTATAT	CCAAAGTCAC	CGGCTAGGAT	TTTTCGAAAC
	95761	AACATACTTT	GCGTGGTTGG	GTGTATTAAAC	ATCCAGCCAT	CTTCCTCCGG	AAATGTACAA
	95821	AACCCTATAT	CCGGGGCGTA	CTCATTCAG	TATATATCGA	ACATGTTCTT	GTATTGGTCA
	95881	TTTGGGTTAC	TTCCATTCAA	GCCCTGGTCA	ATAGAAACAG	AACTTGCTAT	CCTTTTTTCT

	95941	TCACCTACCGG	AACTGTTATT	AAAAAGAGAC	GTTATTTTCGG	CCATTGAAAA	CCACGATGAA
	96001	AAGATCAATT	TCTGTAGACA	GTTCTTCACC	CAAAAACGTT	TTTAATCCAG	AGACGCCCAA
	96061	TGGATTTGAT	GACAGTGTAT	ATTTAAACTT	CACCTCTATG	CATAGCATTC	AACCTATCCT
5	96121	CTCACGGATT	CGAGAACTTG	CCGCAATTAC	GATTCCAAAA	GAACGTGTTT	CGCGGTTGTG
	96181	TTGGTTTAAA	CAGTTACTCG	AACTGCAAGC	GCCTCCTGAA	ATGCAGAGGA	ATGAGCTCCC
	96241	CTTCTCCGTT	TATTTAATTA	GCGGAAATGC	CGGCTCCGGA	AAAAGCACGT	GTATCCAAAC
	96301	GCTTAACGAA	GCTATCGATT	GCATTATTAC	CGGATCCACC	AGGGTTGCTG	CCCAAAATGT
	96361	TCATGCTAAG	TTATCAACGG	CTTATGCGAG	TCGTCCGATA	AACACAATCT	TTCATGAATT
	96421	TGGTTTTTCG	GGAAATCACA	TTCAGGCTCA	GCTGGGCCGT	TACGCATATA	ACTGGACTAC
10	96481	GACCCCCCCT	TCTATTGAGG	ACCTGCAAAA	AAGAGATATT	GTATACTACT	GGGAAGTTTT
	96541	AATTGATATA	ACAAAACGAG	TGTTTTCAAAT	GGGGGACGAC	GGTCGCGGAG	GAACATCGAC
	96601	ATTTAAACC	CTGTGGGCAA	TTGAACGTTT	GCTTAATAAA	CCTACAGGCT	CAATGTCCGG
	96661	AACCGCGTTT	ATCGCATGCG	GTTCCCTTCC	GGCTTTTACC	CGGAGCAACG	TTATTGTTAT
	96721	TGATGAAGCA	GGATTGCTAG	GGCGTCATAT	TCTCACGGCC	GTTGTTTACT	GTTGGTGGCT
15	96781	TTTGAATGCT	ATATATCAAA	GCCCTCAGTA	CATAAACCGT	CGAAAACCGG	TCATAGTATG
	96841	CGTCGGTTTC	CCCACCCAAA	CTGACTCGTT	AGAATCTCAT	TTTCAACATG	ACATGCAGCG
	96901	TTACACAGTA	ACTCCTAGTG	AAAATATACT	CACGTATATA	ATCTGCAATC	AAACTCTGCG
	96961	TCAATATACT	AACATCTCAC	ATAACTGGGC	AATCTTTATT	AATAACAAAC	GATGTCAAGA
	97021	GGACGATTTT	GGAAATCTTT	TAAAAACGCT	TGAGTACGGG	CTACCTATTA	CCGAAGCACA
20	97081	TGCGCGTCTG	GTCGATACAT	TTGTTGTACC	TGCATCCTAT	ATTAACAATC	CTGCTAATCT
	97141	TCCCGGATGG	ACGCGTCTGT	ATTCTGTCGA	TAAGGAGGTG	AGCGCGTATA	TGAGTAAGTT
	97201	ACACGCGCAT	TTAAAACAT	CGAAAAATGA	CCATTTTCT	GTGTTTGCCT	TACCGACTTA
	97261	TACATTCATC	CGGCTAACGG	CATTTGATGA	ATACCGCAAA	TTAACGGGAC	AACCCGGACT
	97321	TTCTGTGAA	CATTGGATAC	GGGCAAACTC	CGGTCGTTTG	CACAATTATT	CCCAAAGCCG
25	97381	AGATCATGAC	ATGGGAACAG	TTAAATACGA	AACACATTCA	AATCGCGACT	TAATTGTAGC
	97441	CCGTACAGAC	ATCACTTACG	TGCTAAATAG	TCTCGTAGTT	GTAACCACAA	GACTACGTAA
	97501	GTTAGTTATT	GGATTCACTG	GTACATTTCA	ATCGTTTGCA	AAGGTTTTAC	GTGACGACTC
	97561	CTTTGTGAAG	GCTCGAGGAG	AGACATCCAT	CGAATATGCT	TACCGGTTTC	TGTCAAACCT
	97621	AATCTTTGGA	GGCTTGATTA	ACTTTTACAA	TTTTTTTGTTA	AATAAAAACC	TACATCCCGA
30	97681	TAAGGTATCG	TTAGCATACA	AACGGTTAGC	TGCCCTTAACC	CTGGAGTTAT	TGTCTGGAAC
	97741	AAACAAAGCC	CCCTTACACG	AAGCAGCGGT	TAATGGGGCG	GGTGCCGGGA	TTGACTGTGA
	97801	TGGTGCAGCT	ACTTCTGCCG	ATAAAGCCTT	CTGCTTTACC	AAAGCCCCCG	AGTCCAAAGT
	97861	AACGGCCTCC	ATACCCGAAG	ACCCGAGTGA	TGTAATTTTT	ACGGCACTTA	ACGACGAGGT
	97921	TATTGACTTG	GTATACTGCC	AGTACGAATT	TTCTTATCCC	AAATCATCCA	ATGAGGTCCA
35	97981	TGCTCAGTTT	CTGTTAATGA	AAGCTATTTA	CGATGGTCGA	TATGCCATAT	TAGCAGAGCT
	98041	TTTCGAAAGC	AGCTTTACAA	CCGCCCCCTT	TAGCGCGTAT	GTCGATAATG	TTAATTTCAA
	98101	CGGAAGCGAG	CTTTTGATCG	GCAATGTGCG	GGGGGGGCTG	TTATCTTTGG	CATTACAAAC
	98161	AGATACGTAT	ACCCTTTTGG	GGTATACTTT	TGCACCCGTG	CCAGTCTTTG	TAGAGGAACCT
	98221	GACCCGAAAA	AAGCTGTACC	GCGAAACTAC	CGAAATGTTA	TATGCTCTAC	ACGTACCTCT
40	98281	TATGGTCTTA	CAGGATCAAC	ATGGGTTTGT	GTCCATCGTA	AACGCTAACG	TATGTGAATT
	98341	TACCGAGTCT	ATAGAGGATG	CAGAATTGGC	AATGGCCACC	ACGGTGGACC	ATGGCCTTAG
	98401	TTCTAAACTA	GCCATGACAA	TTGCAACGCTC	ACAGGGTCTG	AGTTTAGAGA	AGGTAGCTAT
	98461	CTGTTTTTACG	GCGGATAAAC	TGCGCCTAAA	TAGTGTGTAT	GTTGCCATGT	CGCGTACGGT
	98521	CTCCTCTAGG	TTCTTAAAAA	TGAATCTAAA	CCCTCTACGG	GAACGATATG	AAAAATCCGC
45	98581	AGAAATTAGC	GATCACATTC	TTGCCGCTCT	ACGTGATCCC	AACGTACACG	TTGTGTATTA
	98641	AAGCATTTGTA	TAAAAACACG	CATGCGGGCT	TGCTGTTCTC	ATTTCTAGGT	TTGTCTTAA
	98701	ATACACCCGC	CATGAGCATC	TCTGGACCCC	CAACGACGTT	TATTTTATAT	AGGTATACATG
	98761	GGGTTAGGCG	GGTTCTTCAC	TGGACTTTAC	CGGATCATGA	ACAAACACTC	TACGCATTTA
	98821	CGGGTGGGTC	AAGATCAATG	GCGGTGAAGA	CGGACGCTCG	ATGTGATACA	ATGAGCGGTG
50	98881	GTATGATCGT	CCTTCAACAC	ACCCATACAG	TGACCCCTGCT	AACCATAGAC	TGTTCTACTG
	98941	ACTTTTTCATC	ATACGCATTT	ACGCACCGGG	ATTTCCACTT	ACAGGACAAA	CCCCACGCAA
	99001	CATTTGCGAT	GCCGTTTATG	TCCTGGGTCG	GTTCTGACCC	AACATCTCAG	CTGTACAGTA
	99061	ATGTGGGGGG	GGTACTATCC	GTAATAACGG	AAGATGACCT	ATCCATGTGT	ATCTCAATTG
	99121	TTATATACGG	TTTACGGGTA	AACAGACCTG	ACGATCAGAC	CACACCAACA	CCAACCCCGC
55	99181	ACCAGTATAC	ATCGCAAAGG	CGGCAGCCTG	AAACCAACTG	TCCTTCTTCA	CCACAACCGG
	99241	CCTTTTTCAC	ATCAGACGAC	GACGTTCTTT	CGTTAATATT	ACGGGACGCC	GCAAACGCGT
	99301	AAAGACAGAT	TCAAGACTAA	CATTTATCCC	AACTGATTAC	ATTTCATACG	CGAATAAACG
	99361	ACACAAAAAA	TTTATATTTA	ACGGCTTTTA	ATTTGAAGAC	ACCTATCCTC	TTAACGTTGA
	99421	TGAGCCTTGC	AGGTTGGGTG	CCGCGCTTCA	CCGTTATTAT	ACATAACCGA	TTTACCGTGT

	99481	TTACGGCAGT	CTGACCATTT	ACCAGTGTAT	GTCTGTAATA	CGACGTTGTT	GTGTCCCGAC
	99541	AAAATTAAC	CGCGTACAAA	TTTCTGATGT	TCCCCCGGCG	TGGCAACGCT	GGCATTTC
	99601	AACACATTAC	GTTCTCGTAC	GTCCATGACC	GCTATTTTCA	GTATTAATTG	GTTGGTCGGT
5	99661	CAAAGTATTT	TCCTTATGTA	AAAGGACACG	ATCTAAAGCC	GTAAACTCAT	ACACAAACAC
	99721	TGGTACCAAC	GGACGCGATT	TTCCGTCCGT	TGAGCGGGTG	TAATATCGGC	GAGGTCTTCT
	99781	TGCACGAATA	CTCTCGTACA	GTAGGTTTCT	GACACGGGGT	GCATGGGTTT	TTTGACACAA
	99841	CACAAACATT	TGCAGGCTCT	TATGACTGGA	TGAGATTGAAT	TTATTTTGTAG	ATAGGGTCAC
	99901	GTGTTTTTGT	CGTGACACGC	CTCGACCAGA	AAAGGCTGCG	GTTTTTCGTAC	ACGCGACCGT
	99961	TATTTACACAG	GCGTTCATAA	CCAAGCTGCG	GCGGATGGTG	TCGGTTAATT	GTCTCCGCC
10	100021	AAGTTCGTCA	ATAGATGATA	CCATGAACAA	CGTATCAAAT	GGTACATAGT	CGTCTTTGGT
	100081	TTTCTCAATA	CAGCCCGCGT	GCCCAATCGG	AAATTTTTC	TTTGCATCAA	CGCTATTTTC
	100141	TGTAAAATCG	TTCTGAACAC	TGTGTTGGCT	GGCTACCTGT	TTAAAATTTG	GGATCGAACA
	100201	CGGTCCACGA	TGCAATCCCC	AACCCCATTTG	AAGCAATGCC	GTCGGTACGG	AAGGAGGCAA
	100261	CTCCGAAAAC	ATTATGGTAC	GCAAGAGGGT	CGATTGGAGT	GTTATATAAC	ACTCCAATCG
15	100321	ATCTCGGGTT	CGCCTTTACG	CGTAAAATAC	TCATTGGCTT	GAACGAAATG	TCGACAATTC
	100381	CGAAATGGAA	CACGGGACAA	TGGCGACGGA	TGCGCGTGTG	TTAGCACCAG	ATGACATCTT
	100441	GAATTCGGTT	GGGTTGTCTT	CTGTGCATGC	GCACCCACAC	GCATAAAAAAC	TAACCCTGTA
	100501	CGGTTCTCGC	ATAACCTCTG	TAGCACGCGT	TGCACCAGCC	GCCCCCAGCC	TAAGTATACA
	100561	TGCGACCCCG	GAGTCCCGCG	ACGAACCGTA	AGCGTGGTAT	TCAGCAATAA	CACCCCTGTC
20	100621	CTTGCCCAAC	TCTCCAGGCA	TCCGTGAGTG	GGCGGAGTCA	TATTTGGGTA	TGATTCCATG
	100681	AGGGCCGCAA	AAATATTTTT	AAGACTAGAC	GGTGGTGTTA	TGCCACGTTT	TACACTAAAC
	100741	GCTAGCCCAT	GTGCATGTCC	CGCGGTAGGG	TATGGATCTT	GACCAATAAT	TACAACGCGA
	100801	ATGCTCTGGG	GTCCGCAAAA	TCGCGTCCAT	GCAAAAATAT	CGCCTGTAGA	TGGAAGTATT
	100861	TCTTCCCTTG	AAATTTAAAG	ACGATTGTAT	TCTAAAAAAA	TACCTTTTCG	GTACGGCTCT
25	100921	TTAAGTTTCGT	CCGACACAG	GTCATACCAC	TACGGGGAAA	TGTTAAACTT	GTGAAAAACT
	100981	TCAACCGAAT	CCAGTTGCGA	AGAGACGGGG	GTGAACGTTT	CCGTGTCTGT	ATGATGTGAC
	101041	ATGTTATTTA	ACTTGAAGGT	TGGGGGGTCT	AGCTTAAACC	CCAAAGGCAG	CCCGCGGGGT
	101101	CGCTTGCGGG	TTTTTTTGGT	AACCGGATGG	GCCAAAACAT	AAATGTCCTT	TGAATCCGAT
	101161	AGTTTCATTT	CATTGGCATA	CGCGTTGGAA	CAAACGGTCG	GCTCCCCAGA	CACATCCATT
30	101221	TTCCGGGATA	TTTGTGGAAG	ATGGAGTAGA	GTCTACCCAT	ACACCGGAAA	GGGCATCCAA
	101281	CAAAGCATCG	CGTATGTCCC	CGCTTTTATG	TTCTTCACCA	ACAGATTGTG	CCAGCCCCCT
	101341	TAAGGTGACG	TATGGATTTG	TCCAGTACGC	CATTTGTTTG	TCTTTAAACC	AAAGTATAAC
	101401	TTCCGGTACT	GGACATTTTG	CTTTAACCAC	GATTCCTCG	AGCGCCTCG	TGAGGTTTGA
	101461	TACCGGGGGT	GCCGCATAGT	CCCACGCCTC	ATATACCGAT	GACACGACG	GTTCCGTTAT
35	101521	AATCAAACCTC	ACATCCGATA	GCGGTTTGGC	TCCAAAAAAC	AACGGAGTGT	CGTCTTGGAG
	101581	ATGAAGACAA	TACGCGATTG	TGATAGTTTT	TAAAAAAACT	ATCTGCAGTA	ACCATTTATG
	101641	TGATGCCATG	ACGCTTGTGT	TTTCCCTTCA	CTACGACGTT	GTCGTATCCT	TTGAAAAACT
	101701	TGACCACTCT	AATGGAAGCA	TGGACAAGTA	TGAGTTTAT	ATATACAGTT	GGCCTTTAGT
	101761	TAAACTCTTG	GTGTCATATC	TCATTTTCTT	AAAAAGGGCG	ATCTTAATAT	GTCAAACGTC
40	101821	ACGGCGTGCC	GACAAAGCGA	ATTTCCATGC	AAGATTTGGA	TGTAGTATTT	ATACACCCAA
	101881	TCACATGTCA	CGTATTTAAGC	TTTACAGTCC	CCCGTTATCT	GATATAATCA	CTTTTCTTAA
	101941	CACGTCATCG	GGAAAACAGA	TGTTTATATT	ATACCTCTCG	CGGTCAATTA	CGGCAAAATC
	102001	TTAGACCGTT	TTCAAGCGGA	CTGAAAACGC	TCAAATTGCC	TTTTGGAGGC	CTGCCCACCG
	102061	GCCATTATCC	CTTGGATCTA	AGATTGATTT	GCGGTAACGT	TTGCCAATCA	AGCTTTAAAA
45	102121	ACGTACCCCA	AACTTAAAC	GCTCAAATTG	CCTTTTGGAG	GCCTGCCCAA	CGGCCATTAT
	102181	CCCTTGGATC	TGAGATTGAT	TTACGGTAAC	GTTTGCCAAA	CCCACGCATT	TCAGTTTAAA
	102241	TATTTCTAAG	CATTCTTAGT	GCGTACTTGG	CAGCGTGCTT	AAAATATCAA	CCAATATCCA
	102301	TTATGCTACA	CGTTTCCCTT	TATCCGTTTC	AATCCATTAA	AAGTCCATTA	ACAAAAATGA
	102361	TGCATCATAC	CTAATTCACC	TAAAAACCTG	ACTCATTTGA	GCAGCGTTTC	CTCCTTGCG
50	102421	ACTATCCAGT	TGGCATTTTA	AACGGGTCCG	GCTGCC'TAAA	CCGAAAAACAC	CGTTGCCCTTT
	102481	ACTGTAAAGT	CAAAACTAAA	ATTTATATTT	CCGTGCGTAT	TTTGTAACAT	ATATGCCTTT
	102541	TATCCCCCGG	CAAGTTTGCT	TTACCTTCGC	CTTCACCACC	CCCGCCACCT	TCCGGCCATT
	102601	TTAATAACTT	TAATTGCTAT	AAGACATACC	CAAACCGGAT	GATTTTTTGC	GCTGGAAAAA
	102661	CAGCTTCTAA	TTTTCCCGTC	TCAACTCGGC	CTTGGTTGCA	TCTCCAAGTA	TACCTTTAGT
55	102721	TTGCTCCCGT	AGAGGTGTAT	AAATACAAAC	GGTGACAAGT	ATTGAGCGTA	ATCTCAAATT
	102781	TTTGTAATTT	AGGGCGGAGC	GCTTACGACA	GCACATGCGT	ACTGTTAGAC	TGTTATGTTT
	102841	ATTGTATTTG	CAGAGCAGGA	TGCCCCGGTT	ACTCCGAGAC	CGGATTGCGG	GCATTCGGAA
	102901	TCGTGTACGG	ACTTACCAGG	GGGCAGTATT	TACACCTTGG	GTTCCAGATA	TACCAACCCT
	102961	TACGACCAAT	AGCAACACTC	AGGTATTTTT	AAAATGCACG	TTTAATGATC	ATAATTTACA

	103021	TACAGTTGGT	AATAAAGCAG	ACTGTGGATG	TTTAAGGCAT	TTCCTTCCCC	CTCCCAACAA
	103081	ACTAGGACTT	CTTCATCTTG	TTTGGAATAC	CTTTACCCGC	TTTACCGGCA	GAGCTTTTTT
	103141	TGGTAAGGTG	TTTCAGTGAA	CCTGATGTTG	ATCCGGAGGT	GGAGGGGGTA	TTGGACTCCC
5	103201	CCTGTGGAGA	GGCAACTTTG	CGGGTTTTAC	TTCCCTTACA	TGCCGAATCA	GA CTCAGATG
	103261	TCAGGTCTAT	TGTTAAGCAT	CGTTTAAACG	CTCTGCCGGT	ATGAAATAAA	CGGCGCTTAG
	103321	CACCCCTTGC	GCTTCCCGGT	TTAATCCCCG	GTAAACACAGA	AAAAAGCCTG	ACTTTTTGGG
	103381	GTGTATTTAC	CAATCGGGTA	TCCCTTTTCAT	CGCCACGAGA	GGTCTCCCCG	GTTGAGGTGG
	103441	TTTCTGGTCT	TACAATTGGA	CCTGTAATTA	GTTGGATGGC	TGTATCTTTC	CAGGTCCAGG
	103501	TTTGCATGGT	TAGGCGGGTT	GGATCGGTAC	ATCGATCCAA	CAAGAATAAC	ATGTTTGTTA
10	103561	CAAACGGTCC	TGTTGAATCA	TGCAAAAGAC	AACGCAGGGA	TGTTTTTAAAT	CCGCGCTCAT
	103621	CACGCCCCGT	AATACCTATA	TAGTTTAAATA	TCAACATTTT	TGTAGGCTCT	ACAATTTCCG
	103681	GTTGATACAG	TTCCGCAAGT	TGATCATCAA	GCCATCCGAG	TAAAGGTTGC	ATGTAACACG
	103741	GGAATCTCGC	GTTTCCCTCT	GTTCCTCTAT	CCGTGGCTCG	AAAAGGCAGT	CTGTCCATGG
	103801	TTCGTGGGTC	TTGATTAATT	CCCACAGATA	CTGGACGATC	ACGGTAGTCC	TGCCCCCCGG
15	103861	TCCGGGGTTG	CTGTGCAGAT	TCAATCGAGC	CATACACCAC	CGGGGTCGCG	GATCGAACAG
	103921	CAGGTTGGTC	TTTAAAAAAT	ACCTTCCGTA	AAAATGATGC	GGTAGAGCAT	GTTTTGGTTA
	103981	CACCAGGGCT	CGAGTCTCGG	GTCGGTGGTT	GTATAGAATC	CTGTTGAGAG	TCACTTGGTG
	104041	ACTCTGCTGT	GGGCTCTCTA	GCCGACGATT	GAAGGGGCCC	AGGGTTTGGT	GATTGAATGG
	104101	GCTCCCGACT	CGATCTTGAT	GTTGGCTGTT	GGATGGACTC	CCGACTCGGT	CCTGGGCTTG
20	104161	GTGGCAGAAG	ATCTATGACA	TCTCCCGGTA	GGATGTCGAT	GGAATCTTCA	AATGACGGCT
	104221	CAGAAAAACC	ATCGTCTCG	GATGGGTGCA	CTTCATATTC	CTTGTAACCT	GTATCACTTA
	104281	CGATCTTATG	CAGGATGGAT	TGCACTGGAC	ACCGGCAGAG	AGGACACTGG	ACGCTGGTGG
	104341	AGGTCCATGC	CCGAATACAA	ACAAAGCAGA	AGTCGTGCAA	ACACGGCATG	GTTTTTCCGA
	104401	GATCGGAAAC	GGTGCTCATG	CATATGGTGC	AGGTATTATC	CGAAGCGTCG	GAGGTGCCCG
25	104461	TACCGCCCGC	TAATCGGTA	TCCATGGTAA	CAACTGGCTG	TATTCTAATG	TCCGGGCATC
	104521	CAAACACGTA	GCAGAACTGC	CATGCGTTCT	AAATTGTGAG	TTGTGGCGAG	TACATTTTTA
	104581	TAATTGGTAC	CAACGAAGAC	ACACCCCTAT	ATCCCTCCAC	CCATTTCTTT	TAAGTCCCAC
	104641	CCACTAAAAC	GTGGGTATAA	AATGTGTATT	GGGGTAGGCG	GACAGTCCCA	ACAAACAGGG
	104701	AAGTTGATTG	GTATAACCTT	GGGCCGGGTA	TACAGCTAAG	TGACATTTTA	GATTCTGTCT
30	104761	TTATTTAGAT	AAAGAGCGAT	ACGAAGACAT	TTCTCCACCC	CCCTGTAATA	CCCGTAAATA
	104821	AAGGTAAGTC	CACAAACAAA	AGCACTGTAT	ATAGGAAGTC	GGGTGTATTG	GGACAGTTAC
	104881	TCCATTAGAG	GCGTACAAAC	AATACTGGGA	TAGGGTAATG	CAAGTCCCCC	CCGATGGTCG
	104941	CCCCGCAAAC	GCGCGGGGAG	GTGGGTCTCG	TTTTTTTTTT	CTCTCTCGAG	GGGGCCCGCA
	105001	GAGGGCTGGC	CTCCTCTCCC	GGGGTCCGCC	GGGCGCCGAG	AAACCGGGGG	GGGGTTATTT
35	105061	TCGGGGGGGG	GTCCGACCAG	CCCGCCCGTC	GCCCCCGCGC	ACAGACAGAC	AGACACTTTT
	105121	TTCATAAAAA	CCGTTCGCT	TTTATTAACA	ACAAACAGTC	CGCGCGCCAG	TGGCGCTCAC
	105181	GAGAAAAGGA	GGGGACTCCG	TCACCCCCGA	CTCTGCGGGG	GGCTCCTCCC	CCCGCGCCCT
	105241	CCCCACACAT	CGTCCCTCGC	CTCGGAGGAC	GAGGACGAGG	ACAACAGCTC	CACCTTGACC
	105301	GCCGGGCGCA	AACCCACCCG	GCGGTCTCGC	AGCACACCCG	GGGCCACCGA	CACGATGCTC
40	105361	ACCCCAAAGG	ATGACCCCGG	TGCGTCCCCG	TCGTCCCCGC	CCCCCTCCTC	GCTGTCCCAC
	105421	GCGTCTTCAC	ACCCACCTC	CCAATCGTCC	AGCTCCAAAG	CTGTCTCTCT	GTCGTCTGCG
	105481	GTGCGCCGCT	GTCGCCCGC	CTGGGTTTCT	GACGGCCGTT	CCGAGCCCCC	GTGGTGTCCG
	105541	AACCGGAACC	GTGTTCGTC	GCTCCCCTCC	AACACCGTCT	CCGCGGCCCC	AAAACCGGGC
	105601	GGCCACATTA	CTCTGGGAAT	CGGGGGGAGG	GCATTCCGAG	CCTCGTCCGC	CGACGCATAC
45	105661	AGCGCCACCG	ACCGACCGGC	CACGGGTGGA	AGCACGAGTG	GTTCTGCGGC	AGGGTCGGGT
	105721	TCCAGCAGGG	CGTGCGGGCA	AAACACCCTC	GCCCAGGTGG	GTACGTCGCC	GGCCTCCGGC
	105781	CCGGCGGGCC	CCGGTCTCCG	TCCCTCGGGA	AGGAAGACGG	GTCGAAGCGC	GGCAGCCAGG
	105841	CCCCATCGGT	TTGCTGCGCG	GTGGCTATGT	GCCGCTCGT	CCACAAAGTC	GGCTGCCCCG
	105901	AGCCCCAGAC	CCCGAGACTG	TCGCGCGAGG	TCCTTGCAAC	CGTCAAAAC	CGGCAGCAGC
50	105961	TACTGCCGGT	ATTACAGGGG	CGACAGGGGG	ACCGGGGTCT	TGGGGCCCCG	GCGGGTACAC
	106021	ACGGTGTATG	CGACGTTCCC	ACCGCGGCAC	AAACACAGGG	GTTGTTCCGC	CGGGTACAGG
	106081	TTGGCAAACG	CAGTCTCGAT	ACGAGCAAAA	CTCGCTGGCC	CAAAGGTGCG	CGACGATGCA
	106141	AACACGGCCC	GGGCGAGTCC	TTCTGTGACC	GCCGAGTCTG	GCCATCGGAC	GACGGCTGG
	106201	GCGTCCGGTC	GCGCCGGGGC	CCGGACGTAC	ACGTGATACT	GAGACAAAGC	GGGTCCATCC
55	106261	CTGGGCCACC	TCTCGAGGGC	CACCGCGTCC	AACACCAGCA	ACCGGCGCCG	GGCAGAGGCC
	106321	AACCGCGAGC	CTAGATACTC	GACGGCCCCG	GCAAAGGCCA	GGTCTCGGGT	CGACAGTAAT
	106381	AAAACGCCCC	GGGCGTTCAA	AGCGGACACG	TCCGGCGGGC	CGGTCCAGTT	CCCGGCCAG
	106441	GCATGAGTGC	TCGGCAGGCA	CAACCGGTTA	CTCAGGGCTG	CCAGGACCAC	AGACAGTCCC
	106501	CCTCGGGATG	GACTCCATGA	CGGTCCCGGA	TCTGTGCGCA	GGGTGCTCTC	GAGGGGGCCC

	106561	TTGATGTCCT	CTCCGGGCAA	CGGATCGTAG	ATGATCAGAA	GCCTCACATC	CTCCGGGTCT
	106621	GGGATCTGCC	GCATCCAGGC	GCACCTCCGT	CGCAGCGCCT	CCACTCCGCT	GGGTGGACCA
	106681	AACCGTCGGT	CTCCTCCGCC	CGGACGCCGA	GCGGCGATTT	CCGCCAAGGC	GCCGGGATCA
5	106741	AAGCTTAGCG	CAGGGCGCCA	GGCCGTGGGA	AACAATGGGT	CGTCGACCAG	ACGGGCGATG
	106801	GTTTCGGGGG	TACAGTACGC	CTTGCGAGCC	TGGTCCGACG	GGACCGGGGT	ATGCAGGGCC
	106861	CCCCGGGGAA	TACGCCGAAA	TCCCCCGTTT	GGGGCCGGTC	CGTCAAGTGG	CATCGTTATT
	106921	ACGGCGGGGG	GATCCACCAC	AGGGCCCCGAG	GTGATGGTCA	CGGGCTCGGA	TACCCGCCTC
	106981	TTGGCCTTGG	AAACCACATG	ATCGTCTGCA	ACCCGGGCGT	CCGCGACGGG	TGTCCTCCCTA
	107041	ATCTTGTCGA	GGAGGCTTCT	GCTCTCGACT	GGCTGGGACT	TGCGCTTGCG	CGGAGTTCGT
10	107101	AAACGATCAT	CCGGTGGACA	CACAGAAAGA	GAGCGTGCGG	CGGCCGACGG	CTGAGGGTCG
	107161	GGAGCCTGTG	TGGCCGGGGT	TGTTGGAGAA	GGGTGACCGC	GGGAGATCCG	CGCCGCCGGA
	107221	CTGGAGCCCG	TTGCCTCGGG	GTATGCCATG	CTGGCAAAGG	CTCTGCGGAG	ACTCTGTAGG
	107281	ATAAAGTGTT	TTTGGGCCCC	GTCGTATCGA	CGGCTCATAG	CCACGGCCGC	GGCCGCGTAG
	107341	GGGAGAGCCC	AGAGGGCCTC	CCCCGTGGCC	ATGGCTTCGC	CTACATGCGG	AACGGGAGAC
15	107401	GCTACGCTCC	CCGTAACGGC	GGTACCCGCC	CGTCCCGGTG	GCAACAGCTT	TTGGTAGAAC
	107461	TGGTTCAGGG	CCGAGTTGAC	ACCGGTCAGC	TTGGGGTTCT	GGAGCCATGC	TATAGGGTCT
	107521	CTGTC'TGGAC	AGTAGATCAG	GTTAATCAGC	GCGCGGTACT	GTCTAGCCGG	ATCTCCCAAC
	107581	TCCGGCACGT	AAAGCGGCAC	GGGTTCGGTT	GAGGCCTCGT	AACGAGCCCG	CGCCGCTCTC
	107641	ACAGCCTCAT	CCTCCAGTG	ACCCTCTCTG	GTCTCCCCCG	ACGGTCCAAA	CCGCACCCTG
20	107701	TTGGATGGGA	GGGGTGCCGA	TCCGGGCCAA	GGGCTTCCGT	CGGGCATCAT	GAGCGGCCCC
	107761	GACACCGGGG	GAATTATCGG	GGTCTGGAT	CGCGGCAGGG	AAAATGATTT	CTGTCTCTGG
	107821	CGCCCCGGTT	CCCCCGCAAG	ACGTTTGGTC	TTACGAATCC	TCCGATCGGG	ACCGCTGATG
	107881	GATCGATATC	CCGGTTGGAT	ATTTTGTTCG	CTCGACCCAC	CATCATTTGA	CATCCGAATCA
	107941	TCCGAATTTG	ACGGGGAAGG	CGCGTGTTCG	GTCTCCGACC	TGTCGCCTGT	AGTTTCACTT
25	108001	CCCACGAAA	CGCGCCGGGG	TTCATCGTCT	TCATCCTCCG	ATGACGATCC	CCACGACGAG
	108061	GAAGAGGATG	AAGACGAAAC	AAACTCACGA	CTCTTTGGCT	TTTTCTCCAC	TGGGCTGTCA
	108121	TCCTCAATCG	GGTCTGGTGC	GTGGGATCTT	CCCGGCAGGG	CCAAAAACGC	TCTAGGTTTG
	108181	CCCCCGGACG	AACGTCCAGG	GACGCGAGGT	GTTATACCCC	GGGCATCATG	TTTCCTTGGG
	108241	CGGGTATCAT	CGGTCTCAAA	CGGCAGGTCC	GCCTTTGCCC	CCTTAGCCGG	AACGCTGTCC
30	108301	GAAAGGACGT	GGTACAATTG	CTCAACCGGG	CCGGGTACAG	GTCCACCGGG	TTTCCGCGCC
	108361	GGGAGTGGGA	CCTTAACCTT	CAAAGTCTTT	TTCTTCGGGC	TCTTTCCTG	AGCGGGCCGT
	108421	TGAGTTTTCT	GGAGAACTAC	TCCGTCCCCC	GATGCATGCG	CATGACCCCG	TTGCTCATCG
	108481	CCGGCTTTT	TACCCGAGAT	GGACTGAGTT	TGTCTGTCTC	GATGGACCAC	CGACGGCAAA
	108541	CCTGGTGAAT	TTCTCTCTCGT	CGTTTGTTCG	GGTATAGACC	GCTGGTCTTC	CCGTTGATCG
35	108601	T'TCCCGCGG	CGTCTCCAAC	AGGAGACGCG	GGGGATACAG	GGGAGAAGGC	CTGCGGGAAC
	108661	GGAGGGGTG	TACCTCTGCC	CGTTTCCCCA	TCGTTTCATG	GTGGT'TTTGG	AGACCTAGCA
	108721	AGCTTCGTT	CGAGAGAGAC	TGTCTCAAGG	GAGCGATCGG	CTCCTGTTGG	TTCTCGCGCG
	108781	CCGGCCTCCG	AGAATCGGGT	GTGGAAGACC	TCCGCCAGCG	GGATTACAGG	CGAGCCCATT
	108841	AGATCCTGAC	CGTCTCTCGA	TACGTAGTCG	TCTTGTGTTA	GCTCTTCGCC	AACATCTTCC
40	108901	GTTCTGGGTT	CTGGTTGAAG	TCCCGATACG	GAGGGAATTG	AAACGATCTC	GTGTTCCCGT
	108961	CCCACCATGA	CCCCGTCTC	TCCAAATAGT	AGATCGTCAG	GCTGACTCGA	GTGACCACC
	109021	CGGGCCCTGT	GTTCCGGCGC	CGCCGCGGCC	CGCTCCAACA	GGTCCATTAA	CTCCAAAGTA
	109081	TCAGGCGACC	CCGCGCGTTG	GGGTGTAGAG	CGCTGCATCG	GCGGCGTATC	CATCGCACTG
	109141	GGGTGAATTT	AGACGTACCC	GAGTTTTCCT	AACGCTCTCG	CAGCCTTCAA	AGGATTGCGA
45	109201	TTGCGGTTGG	TGAGGGAGTT	CCAACAGTAC	TTAAAACGTG	TTGTGCCCCC	CCCTCGACCG
	109261	CATATTTTCT	CCCCGTGTCG	TCACCGTGTA	AATAT'TCTTA	ATGATAAGAC	GATGTAGTGA
	109321	TTGGACGAGA	CTCGAGGCGG	GAAGTTCATG	GACCATAGTA	TGCGTTTAA	GAGAGACCGC
	109381	TGGTTGGCGA	TGTACGCCCC	GTGTCTATTT	CCGCATACCT	TACAACATCA	TAACAAGGGA
	109441	TACCAGACAT	GTGAATTTCA	TTTACATATG	TTTAAATAAC	AACCAATCAT	CGTGTGTCTA
50	109501	CACAGCATAT	ATAATATACA	TAAACACAAT	TGGGGTTGTC	TCACATGCAA	AACATCTTAT
	109561	ATAACACGGG	TTGTTTCCAC	TAAATCCGGC	TCTAGTTAAT	CAAATGCACG	TCGACGGTGT
	109621	GTTTGGGTCC	CTCTCCGTCG	TCATTACGTT	CGCGCAATCA	ACAAGCGTAT	ACACCACCAC
	109681	CCCTCCCAAC	GATTATGTCA	GGCGGCACGA	AGCCCGCGAT	AACCCATAAA	ATACACACGG
	109741	GGTTGTGGTG	TTCACGTAAC	CCCCGCGCGA	TGGGGAGGGG	GCGCGGTACC	CCGCCGATGG
55	109801	GGAGGGGGCG	CGGTACCCCG	CCGATGGGGG	GGGGGCGCGG	TACCCCGCCG	ATGGGGAGGG
	109861	GGCGCGGTAC	CCCGCCGATG	GGGAGGGGGC	GCGGTACCCC	GCCGATGTTT	ATAACCATAA
	109921	TTCTCTAAAC	CGTTGTAGAA	AATCACAAAA	AAATTTATTC	AAAAACAAGT	CGAAGAAGTT
	109981	CATATCTGAG	GCATGTAAAC	CCGTTTCGCAC	TTCTTGGGGT	GGAATGGGGT	GGGGTGGGGG
	110041	GGTGAAAAAG	GGGGGGGGTT	AAATTGGGGC	TCCGCATGTC	TGTGGTGTAC	GCCAATCGGA

	110101	TACACTCTTT	TGATCTGCAT	TCGCACTTCC	CGTTTTTTTCA	CTGTATGGGT	TTTCATGTTT
	110161	TGGCATGTGT	CCAACCACCG	TTCGCACTTT	CTTTCCTATAT	ATATATATAT	ATATATATAT
	110221	ATATATAGAG	AAAGAGAGAG	AGTTTCTTGT	TCGCGCGTGT	TCCCGCGATG	TCGCGGTTTT
5	110281	ATGGGGTGTG	GGCGGGCTTT	TCACAGAATA	TATATATTCC	AAATGGAGCG	GCAGGCTTTT
	110341	TAAAATCGAT	TTGACGTGAT	AAAAAAAAAC	ACACGGGGCC	CCCCCTTTT	TTTGGTGTTA
	110401	TAAAGGCAAC	CCAATCGAAG	GTCTCCCGCC	CCGGAATCCC	CCATTGCCAT	TTTACCCAAG
	110461	TAGCCTTATT	CATAGATGTA	AACGTTTGGG	TGTGTGTTTT	GTTGTGCAGG	GTTCTGTCGA
	110521	TTCATAACGC	GACAGCGTCG	AGTCGGTTTT	AAGGGAAAAG	GTTACTACGG	CCCCAAGGAC
	110581	ATGTTTTGCA	CCTCACCGGC	TACGCGGGGC	GACTCGTCCG	AGTCAAAACC	CGGGGCATCG
10	110641	GTTGATGTTA	ACGGAAAGAT	GGAATATGGA	TCTGCACCAG	GACCCCTGAA	CGGCCGGGAT
	110701	ACGTCGCGGG	GCCCCGCGCG	GTTTTGTACT	CCGGGTGTTG	AGATCCACCC	GGCCAGGCTC
	110761	GTTGAGGACA	TCAACCGTGT	TTTTTTTATGT	ATTGCACAGT	CGTCGGGACG	CGTCACGCGA
	110821	GATTCACGAA	GATTGCGGCG	CATATGCCCTC	GACTTTTATC	TAATGGGTCTG	CACCAGACAG
	110881	CGTCCCACGT	TAGCGTGCTG	GGAGGAATTG	TTACAGCTTC	AACCCACCCA	GACGCAGTGC
15	110941	TTACGCGCTA	CTTTAATGGA	AGTGTCCCAT	CGACCCCTC	GGGGGAAGA	CGGGTTCATT
	111001	GAGGCGCCGA	ATGTTCCCTT	GCATAGGAGC	GCACTGGAAT	GTGACGTATC	TGATGATGGT
	111061	GGTGAAGACG	ATAGCGACGA	TGATGGGTCT	ACGCCATCGG	ATGTAATTGA	ATTTCGGGAT
	111121	TCCGACGCGG	AATCATCGGA	CGGGGAAGAC	TTTATAGTGG	AAGAAGAATC	AGAGGAGAGC
	111181	ACCGATTCTT	GTGAACCAGA	CGGGGTACCC	GGCGATTGTT	ATCGAGACGG	GGATGGGTGC
20	111241	AACACCCCGT	CCCCAAAGAG	ACCCACGCGT	GCCATCGAGC	GATACGCGGG	TGCAGAAACC
	111301	GCGGAATATA	CAGCCGCGAA	AGCGCTCACC	GCGTTGGGCG	AGGGGGGTGT	AGATTGGAAG
	111361	CGACGTCGAC	ACGAAGCCCC	GCGCCGGCAT	GATATACCGC	CCCCCATGG	CGTGTAGTCT
	111421	TTATAAATAA	ATACAATGGT	TTGGCTCGTG	TCTTTTTTTG	ATGTCTGTCT	GTGGGGGAGT
	111481	GGGTGTGTGT	GGATATTAGA	GGGTAGAGGG	TGCTGGTTTG	AACGTCTCCA	TTAACCCACG
25	111541	GGGTCCCCAC	ACGGGCCGTG	TGGTATGAAT	CTCTGCGGAT	CCGCGGTGA	GCACCCGGGC
	111601	GGTGAATATG	CCGGACTTTA	CTGCACACGA	CACGATACCC	CCGCGCACCA	GGCTCTCATG
	111661	AACGACGCCG	AACGGTACTT	CGCCGCCGCG	CTATGCGCCA	TATCTACCGA	GGCCTACGAG
	111721	GCTTTTATAC	ACAGCCCCCTC	CGAGAGACCG	TGCGCGAGTT	TGTGGGGGAG	GGCAAAGGAC
	111781	GCCTTCGGAC	GGATGTGCGG	GGAGCTCGCA	GCGGATAGAC	AACGTCCACC	CTCGGTTCCG
30	111841	CCGATCCGCA	GAGCGGTGTT	ATCGTTATTA	CGCGAGCAAT	GCATGCCGGA	TCCACAATCG
	111901	CATCTGGAGC	TCAGCGAGCG	GCTGATATTG	ATGGCATATT	GGTGCTGTTT	GGGACACGCC
	111961	GGACTTCCGA	CTATTGGATT	GTCGCCCGAT	AATAAATGCA	TCCGCGCCGA	ATTATATGAC
	112021	CGCCCCGGGG	GAATTTGTCA	CAGGCTTTTT	GACGCGTACC	TGGGCTGCGG	TGCCCTTGGA
35	112081	GTCCCAAGAA	CCTACGAGAG	ATCCTGACAC	CCCATCCCTT	TATATAGAAA	AAAAAATAA
	112141	ATTTAAACA	TACACCGGAT	AAAAGCGTAC	TGTTTTTTAT	TAAATTTTAC	ACGCTCGGCG
	112201	TTGCCCGGGT	TCGGTGATCA	CCGGGTCTTA	TCTATATACA	CCGTGTAAC	CGAACCCCCG
	112261	TGACTCCCTC	CAATCGCGTT	ACCAAACCTC	TCTTCCGTAT	CCGTAGATT	CGAGTCTCG
	112321	AAATCGTCCA	CTTATCCAAC	AAATTGTGAC	GTTATATATC	CCAAGGCAAA	GGCCGCTCCC
	112381	GTCATAGCAA	ATACAAAGAC	AATTATTAGC	GTAATATAAC	AGAATTTTTT	ACGATGATAT
40	112441	ATTTTATGTT	GATATTTTCC	AATTCGACGC	AAAAATTCAT	CTGCCGTTTC	ATTTTTCGCTA
	112501	TCACTATAAT	AACACTTTTC	AGCCGAACGG	TCCGGTTGTA	TGGCTGTTAT	CGTTGCTATTA
	112561	TTTGGTTGCG	CTCGCGGGT	TACCAACGCT	CTCATCAGTA	AGGCCACGGC	CTTACCCTCC
	112621	ATGGTGTTTT	GTCCGGCCAT	AGAAATCCAG	ATTGTAAGGC	CAGCAGGCTA	GT'TTAAAGT
	112681	GT'TTAATACC	ACACCTTTTG	ATATTTATAT	ACATGCAAGA	TTCTAGATTA	TTCATCAATA
45	112741	GGTCGTTTAA	AGCGCGTTTT	CATAAACGTT	GTCAGCTATA	CCGACATTCT	CACAAAGAGG
	112801	TAAAGTTACC	TTACGTTATT	ATTAAATAAA	ACATGTAGAC	ATTATTAAATA	ATCCTAGGAA
	112861	CAATCAAATC	CATATTTGTA	AGTTATGTTT	AACCCCTCCC	CTTTTTGTCA	TTATCTCCGC
	112921	CCTCTTATAA	TCGGATCACT	TTATAAGTGT	GTCGGTGAGT	ATATTTTGTA	CAGTTGTTGG
	112981	ACAACAGGTT	TTTGGTTCAT	TAACACTATC	AACATAAGTC	GGGGTATACA	AGTATAATTGA
50	113041	ACGACGTTGA	TGCAACAGAC	ACCTTTGTTG	GACAAGGAAA	GTTCCTGGGC	GCCATCTCAA
	113101	CATACCGTGC	ACATATTATG	CAACATGTG	GGTTTATACA	ACAGATGTTT	CCAGTTGAAA
	113161	TGTCGCCCCG	CATAGAATCT	GAGGATGATC	CCAATTATGA	CGTTAACATG	GATATACAGT
	113221	CTTTTAATAT	ATTTGATGGT	GTACACGAAA	CTGAAGCCGA	AGCCTCTGTG	GCATTGTGCG
	113281	CAGAAGCACG	CGTTGGAATT	AATAAAGCGG	GATTTGTAAT	ATTAAAAACG	TTTACACCAG
55	113341	GGGCGGAAGG	TTTTGCGTTT	GCGTGTATGG	ACAGTAAAC	ATGTGAACAT	GTGGTCATTA
	113401	AAGCGGGTCA	ACGTCAAGGA	ACGGCCACCG	AGGCAACCGT	GTTAAGAGCG	TTAACCACCC
	113461	CATCCGTTGT	ACAGCTTAAA	GGAACGTTTA	CGTATAACAA	AATGACATGT	CTTATATTAC
	113521	CACGTTACCG	AACAGATTTA	TACTGCTATC	TAGCTGCAAA	GCGCAACCTC	CCCATATGTG
	113581	ACATTTTAGC	AATTCAGCGA	TCTGTATTAC	GCGCGTTACA	GTATCTTCAT	AATAACAGTA

	113641	TTATTCACCG	TGATATAAAA	TCTGAAAATA	TATTTATTAA	CCACCCAGGT	GATGTTTGTG
	113701	TGGGAGACTT	TGGAGCAGCG	TGTTTCCCCG	TGGATATTAA	TGCCAACAGG	TATTATGGCT
	113761	GGGCTGGAAC	AATCGCCACA	AACTCTCCTG	AGTTATTGGC	TAGAGATCCA	TATGGACCTG
5	113821	CCGTGGACAT	ATGGAGTGCC	GGGATTGTAT	TATTTGAAAT	GGCTACAGGA	CAGAACTCGT
	113881	TATTTGAACG	AGACGGTTTA	GATGGCAATT	GTGACAGTGA	GCGTCAAATT	AAACTTATTA
	113941	TACGACGATC	TGGAATCAT	CCCAATGAAT	TTCCCATTAA	CCCTACATCA	AATCTTCGTC
	114001	GACAATACAT	TGGTTTGCCA	AAACGGTCTT	CTCGAAAACC	CGGATCCAGG	CCATTGTGGA
	114061	CAAATCTATA	TGAGTTGCCA	ATTGATTTGG	AGTATTTGAT	ATGTAAGATG	TTATCGTTTG
	114121	ACGCACGTCA	TCGACCATCA	GCAGAGGTGT	TGCTTAACCA	CTCTGTTTTT	CAAACCTCTC
10	114181	CCGATCCATA	TCCAAATCCA	ATGGAAGTTG	GAGATTAAAA	TTCATTAAGC	CTGTTAATAA
	114241	AATATTGTAT	AAAT'TGTGTT	TATAACGTAT	AACCCGTTAA	GGCAAATAGG	GTACAAACGC
	114301	GCAATGTTTT	GAAATACTAA	TATAAATAAC	ATAACCAATA	GAAACTTAAT	ACAGAGTCAC
	114361	GCCCCATTAC	AACAAGGATA	AAACACGGGA	TCATTTTCTT	AACATTGTAG	TAGCGCTGAA
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15	114481	CCTCATTTAA	TCGCGATGTT	TTTAATCCAA	TGTTTGATAT	CGGCCGTTAT	ATTTTACATA
	114541	CAAGTGACCA	ACGCTTTGAT	CTTCAAGGGC	GACCACGTGA	GCTTGCAAGT	TAACAGCAGT
	114601	CTCACGTCTA	TCCTTATTCC	CATGCAAAAT	GATAATTATA	CAGAGATAAA	AGGACAGCTT
	114661	GTCTTTATTG	GAGAGCAACT	ACCTACCGGG	ACAAACTATA	GCGGAACACT	GGAAGTGTTA
	114721	TACGCGGATA	CGGTGGCGTT	TTGTTTCCGG	TCAGTACAAG	TAATAAGATA	CGACGGATGT
20	114781	CCCCGGATTA	GAACGAGCGC	TTTTATTTCG	TGTAGGTACA	AACATTTCGTG	GCATTATGGT
	114841	AACTCAACGG	ATCGGATATC	AACAGAGCCG	GATGCTGGTG	TAATGTTGAA	AATTACCAAA
	114901	CCGGGAATAA	ATGATGCTGG	TGTGTATGTA	CTTCTTGTTT	GGTTAGACCA	TAGCAGATCC
	114961	ACCGATGGTT	TCATTCTTGG	TGTAAATGTA	TATACAGCGG	GCTCGCATCA	CAACATTCAC
	115021	GGGGTTATCT	ACACTTCTCC	GTCTCTACAG	AATGGATATT	CTACAAGAGC	CCTTTTTCAA
25	115081	CAAGCTCGTT	TGTGTGATTT	ACCCGCGACA	CCCAAAGGGT	CCGGTACCTC	CCTGTTTCAA
	115141	CATATGCTTG	ATCTTCGTGC	CGGTAAATCG	TTAGAGGATA	ACCCTTGGTT	ACATGAGGAC
	115201	GTTGTTACGA	CAGAACTAA	GTCCGTTGTT	AAGGAGGGGA	TAGAAAATCA	CGTATATCCA
	115261	ACGGATATGT	CCACGTTACC	CGAAAAGTCC	CTTAATGATC	CTCCAGAAAA	TCTACTTATA
	115321	ATTATTCCTA	TAGTAGCGTC	TGTCATGATC	CTCACCGCCA	TGGTTATTGT	TATTGTAATA
30	115381	AGCGTTAAGC	GACGTAGAAT	TAAAAAACAT	CCAATTTATC	GCCCAAATAC	AAAAACAAGA
	115441	AGGGGCATAC	AAAATGCGAC	ACCAGAATCC	GATGTGATGT	TGGAGGCCGC	CATTGCACAA
	115501	CTAGCAACGA	TTCGCGAAGA	ATCCCCCCCA	CATTCCGTTG	TAAACCCGTT	TGTTAAATAG
	115561	AACTAATTAT	CCCGGATTTT	ATATTAAATA	AACTATATGC	GTTTTATTTA	GCGTTTGTAT
	115621	TACGCGTTGT	GATATGAGGG	GAAGGATTAA	GAATCTCCTA	ACTATAAGTT	AACACGCCCA
35	115681	CATTTGGGCG	GGGATGTTTT	ATGAAGCCTT	AAAGGCCGAG	CTGGTATACA	CGAGAGCAGT
	115741	CCATGGTTTT	AGACCTCGGG	CGAATTGCGT	GGTTTTAAGT	GACTATATTC	CGAGGGTCGC
	115801	CTGTAATATG	GGGACAGTTA	ATAAACCTGT	GGTGGGGGTA	TTGATGGGGT	TCGGAATTAT
	115861	CACGGGAACG	TTGCGTATAA	CGAATCCGCT	CAGAGCATCC	GTCTTGCGAT	ACGATGATTT
	115921	TCACACCGAT	GAAGACAAAC	TGGATACAAA	CTCCGTATAT	GAGCCTTACT	ACCATTCAGA
40	115981	TCATGCGGAG	TCTTCATGGG	TAAATCGGGG	AGAGTCTTCG	CGAAAAGCGT	ACGATCATAA
	116041	CTCACCTTAT	ATATGGCCAC	GTAATGATTA	TGATGGATTT	TTAGAGAACG	CACACGAACA
	116101	CCATGGGGTG	TATAATCAGG	GCCGTGGTAT	CGATAGCGGG	GAACGGTTAA	TGCAACCCAC
	116161	ACAAATGTCT	GCACAGGAGG	ATCTTGGGGA	CGATACGGGC	ATCCACGTTA	TCCCTACGTT
	116221	AAACGGCGAT	GACAGACATA	AAATTGTAAA	TGTGGACCAA	CGTCAATACG	GTGACGTGTT
45	116281	TAAAGGAGAT	CTTAATCCAA	AACCCCAAGG	CCAAAGACTC	ATTGAGGTGT	CAGTGAAGA
	116341	AAATCACCCG	TTTACTTTTAC	GCGCACCGAT	TCAGCGGATT	TATGGAGTCC	GGTACACCGA
	116401	GACTTGAGAGC	TTTTTGCCGT	CATTAACCTG	TACGGGAGAC	GCAGCGCCCG	CCATCCAGCA
	116461	TATATGTTTA	AAACATACAA	CATGCTTTCA	AGACGTGGTG	GTGGATGTGG	ATTGCGCGGA
	116521	AAATACTAAA	GAGGATCAGT	TGGCCGAAAT	CAGTTACCGT	TTTCAAGGTA	AGAAGGAAGC
50	116581	GGACCAACCG	TGGATTGTTG	TAAACACGAG	CACACTGTTT	GATGAACCTG	AATTAGACCC
	116641	CCCCGAGATT	GAACCGGGTG	TCTTGAAAGT	ACTTCGGACA	GAAAAACAAT	ACTTGGGTGT
	116701	GTACATTTGG	AACATGCGCG	GCTCCGATGG	TACGTCTACC	TACGCCACGT	TTTTGGTTCAC
	116761	CTGGAAGGGG	GATGAAAAAA	CAAGAAACCC	TACGCCCCGA	GTAACCTCTC	AACCAAGAGG
	116821	GGCTGAGTTT	CATATGTGGA	ATTACCACTC	GCATGTATTT	TCAGTTGGTG	ATACGTTTAG
55	116881	CTTGGAATG	CATCTTCAGT	ATAAGATACA	TGAAGCGCCA	TTTGATTTGC	TGTTAGAGTG
	116941	GTTGTATGTC	CCCATCGATC	CTACATGTCA	ACCAATGCGG	TTATATTCTA	CGTGTTTGTA
	117001	TCATCCCAAC	GCACCCCAAT	GCCTCTCTCA	TATGAATTCC	GGTTGTACAT	TTACCTCGCC
	117061	ACATTTAGCC	CAGCGTGTTG	CAAGCACAGT	GTATCAAAAT	TGTGAACATG	CAGATAACTA
	117121	CACCGCATAT	TGTCTGGGAA	TATCTCATAT	GGAGCCTAGC	TTTGGTCTAA	TCTTACACGA

	117181	CGGGGGCACC	ACGTTAAAGT	TTGTAGATAC	ACCCGAGAGT	TTGTCGGGAT	TATACGTTTT
	117241	TGTGGTGTAT	TTTAACGGGC	ATGTTGAAGC	CGTAGCATAC	ACTGTTGTAT	CCACAGTAGA
	117301	TCATTTTGTGTA	AACGCAATTG	AAGAGCGTGG	ATTTCCGCCA	ACGGCCGGTC	AGCCACCGGC
5	117361	GACTACTAAA	CCCAAGGAAA	TTACCCCCGT	AAACCCCGGA	ACGTCACCAC	TTCTACGATA
	117421	TGCCGCATGG	ACCGGAGGGC	TTGCAGCAGT	AGTACTTTTA	TGTCTCGTAA	TATTTTAAAT
	117481	CTGTACGGCT	AAACGAATGA	GGGTAAAGC	CTATAGGGTA	GACAAGTCCC	CGTATAACCA
	117541	AAGCATGTAT	TACGCTGGCC	TTCCAGTGGG	CGATTTTCGAG	GACTCGGAAT	CTACGGATAC
	117601	GGAAGAAGAG	TTTGGTAACG	CGATTGGAGG	GAGTCACGGG	GGTTCGAGTT	ACACGGTGTA
	117661	TATAGATAAG	ACCCGGTGAT	CACCGAACCG	GGGCAACGCC	GAGCGTGTA	ATTTAAATAA
10	117721	AAAACAGTAC	GCTTTTATCC	GGTGTATGTT	TTAAATTTAT	TTTTTTTTTC	TATATAAAGG
	117781	GATGGGGTGT	CAGGATCTCT	CGTAGGTTCT	TGGGACTCCA	AGGGACCCGC	AGCCCAGGTA
	117841	CGCGTCAAAA	AGCCTGTGAC	AAATCCCCC	GGGGCGGTCA	TATAATTCGG	CGCGGATGCA
	117901	TTTATTATCG	GGCGACAATC	CAATAGTCGG	AAGTCCGGCG	TGTCCCAAAC	AGCACCATA
	117961	TGCCATCAAT	ATCAGCCGCT	CGCTGAGCTC	CAGATGCGAT	TGTGGATCCG	GCATGCATTG
15	118021	CTCGCGTAAT	AACGATAACA	CCGCTCTGCG	GATCGGCGGA	ACCGAGGGTG	GACGTTGTCT
	118081	ATCCGCTGCG	AGCTCCCCGC	ACATCCGTCC	GAAGGCGTCC	TTTGCCTTCC	CCCACAAACT
	118141	CGCGCACGGT	CTCTCGGAGG	GGCTGTGTAT	AAAAGCCTCG	TAGGCCTCGG	TAGATATGGC
	118201	GCATAGCGCG	GCGGCGAAGT	ACCGTTCGGC	GTCGTTTCATG	AGAGCCTGGT	GCGCGGGGGT
	118261	ATCGTGTCTG	GTGCAGTAAA	GTCCGGCATA	TTCACCGCCC	GGGTGCTCAC	CGCGGGATCC
20	118321	GCAGAGATTC	ATACCACACG	GCCCCGTGTG	GGACCCCGTG	GGTTAATGGA	GACGTTCAAA
	118381	CCAGCACCCCT	CTACCCTCTA	ATATCCACAA	CACCCCACTC	CCCCACAGAC	AGACATCAAA
	118441	AAAAGACACG	AGCCAAACCA	TTGTATTTAT	TTATAAAGAC	TACACGCCAT	GGGGGGGCGG
	118501	TATATCATGC	CGGCGCGGGG	CTTCGTGTCT	ACGTCGCTTC	CAATCTACAC	CCCCCTCGCC
	118561	CAACGCGGTG	AGCGCTTTCT	CGGCTGTATA	TTCCGCGGTT	TCTGCACCCG	CGTATCGCTC
25	118621	GATGGCACGC	TGGGGTCTCT	TTGGGGACGG	GGTGTTGCAC	CCATCCCCGT	CTCGATAACA
	118681	ATCGCCGGGT	ACCCCGTCTG	GTTCAACAAGA	ATCGGTGCTC	TCCTCTGATT	CTTCTTCCAC
	118741	TATAAAGTCT	TCCCCGTCCG	ATGATTCCGC	GTCGGAATCC	CGAAATTCAA	TTACATCCGA
	118801	TGGCGTAGAC	CCATCATCGT	CGCTATCGTC	TTCACCACCA	TCATCAGATA	CGTCACATTC
	118861	CAGTGCGCTC	CTATGCAAAG	GAACATTCCG	CGCCTCAATG	AACCCGTCTT	CCCCCGGAGG
30	118921	GGGTCGATGG	GACACTTCCA	TTAAAGTAGC	GCGTAAGCAC	TGCGTCTGGG	TGGGTGTAAG
	118981	CTGTAACAAT	TCCTCCCAGC	ACGCTAACGT	GGGACGCTGT	CTGGTGCGAC	CCATTAGATA
	119041	AAAGTCGAGG	CATATGCGCC	GCAATCTTCG	TGAATCTCGC	GTGACGCGTC	CCGACGACTG
	119101	TGCAATACAT	AAAAAAACAC	GGTTGATGTC	CTCAACGAGC	CTGGCCGGGT	GGATCTCCCA
	119161	ACCCGGAGTA	CAAAACGCGC	CGGGGCCCCG	CGACGTATCC	CGGCCGTTCA	GGGGTCCTGG
35	119221	TGCAGATCCA	TATTCCATCT	TTCCGTTAAC	ATCAACCGAT	GCCCCGGGTT	TTGACTCGGA
	119281	CGAGTCGCCC	CGCGTAGCCG	GTGAGGTGCA	AAACATGTCC	TTGGGGCCGT	AGTAACCTTT
	119341	TCCCTTAAAA	CCGACTCGAC	GCTGTCGCGT	TATGAATCGG	ACGAACCCTG	CACAACAAAA
	119401	CACACACCCA	AACGTTTACA	TCTATGAATA	AGGCTACTTG	GGTAAAATGG	CAATGGGGGA
	119461	TTCCGGGGCG	GGAGACCTTC	GATTGGGTTG	CCTTTATAAC	ACCAAAAAAA	GGGGGGGGCC
40	119521	CCGTGTGTTT	TTTTTTATCA	CGTCAAATCG	ATTTTAAAAA	GCCTGCCGCT	CCATTTGGAA
	119581	TATATATATT	CTGTGAAAAG	CCCCGCCACA	CCCCATAAAA	CCGCGACATC	CGGGGAACAC
	119641	GCGCGAACAA	GAAACTCTCT	CTCTTTCTCT	ATATATATAT	ATATATATAT	ATATATATAT
	119701	AGAAAGAAAG	TGCGAACGGT	GGTTGGACAC	ATGCCAAAAC	ATGAAAACCC	ATACAGTGAA
	119761	AAAACGGGAA	GTGCGAATGC	AGATCAAAAG	AGTGTATCCG	ATTGGCGTAC	ACCACAGACA
45	119821	TGCGGACGCC	CAATTTAACC	CCCCCCTTTT	TTCACCCCCC	CACCCACCCC	CATTCCACCC
	119881	CAGGAAGTGC	GAACGGGTTT	ACATGCCTCA	GATATGAAGT	TCTTCGACTT	GTTTTTGAAT
	119941	AAATTTTTTT	GTGATTTTCT	ACAACGGTTT	AGAGAATTAT	GGTTATAAAC	ATCGGCGGGG
	120001	TACCGCGCCC	CCTCCCCATC	GGCGGGGTAC	CGCGCCCCCT	CCCCATCGGC	GGGGTACCGC
	120061	GCCCCCTCCC	CATCGGCGGG	GTACCGCGCC	CCCTCCCCAT	CGGCGGGGTA	CCGCGCCCCC
50	120121	TCCCCATCGG	CGGGGGGTTA	CGTGAACACC	ACAACCCCGT	TGTATTTTAA	TGGGTTATCG
	120181	CGGCGTTCGT	GCCGCTTGAC	ATAATCGTTG	GGAGGGGTGG	TGGTGTATAC	GCTTGTGTAT
	120241	TGCGCGAACG	TAATGACGAC	GGAGAGGGAC	CCAAACACAC	CGTCGACGTG	CATTTGATTA
	120301	ACTAGATGCC	GGATGGGTGG	AAACAACCCG	TGTTATATAA	GATGTTTTGC	ATGTGAGACA
	120361	ACCCCAATTG	TGTTTATGTA	TATTATATAT	CGTCTGTAGA	CACACGATGA	TTGGTTGTTA
55	120421	TTTAAACATA	TGTAAATGAA	ATTACATATG	CTGGTATCCC	TTGTTATGAT	GTTGTAAGGT
	120481	ATGCGGAAAT	AGACACCGGG	CGTACATCGC	CAACCAGCGG	TCTCTCCTTA	AACGCATACT
	120541	ATGGTCCATG	AACTTCCCGC	CTCGAGTCTC	GTCCAATCAC	TACATCGTCT	TATCATTAAG
	120601	AATATTTACA	CGGTGACGAC	ACGGGGAGGA	AATATGCGGT	CGAGGGGGGG	GCACAACACG
	120661	TTTTAAGTAC	TGTTGGAAC	CCCTCACCAA	CCGCAATCGC	AATCCTTTGA	AGGCTGCGAG

	120721	AGCGTTTGGGA	AAACTCGGGT	ACGTCTAAAT	TCACCCAGT	GCGATGGATA	CGCCGCCGAT
	120781	GCAGCGCTCT	ACACCCCAAC	GCGCGGGGTC	GCCTGATACT	TTGGAGTTAA	TGGACCTGTT
	120841	GGACGCGGCC	GCGGCGGCCG	CCGAACACAG	GGCCCGGGTG	GTCACCTCGA	GTCAGCCTGA
5	120901	CGATCTACTA	TTTGGAGAGA	ACGGGGTCAT	GGTGGGACGG	GAACACGAGA	TCGTTTCAAT
	120961	TCCCTCCGTA	TCGGGACTTC	AACCAGAACC	CAGAACGGAA	GATGTTGGCG	AAGAGCTAAC
	121021	ACAAGACGAC	TACGTATGCG	AGGACGGTCA	GGATCTAATG	GGCTCGCCTG	TAATCCCGCT
	121081	GGCCGAGGTC	TTCCACACCC	GATTCTCGGA	GGCCGGCGCG	CGAGAACCAG	CAGGAGCCGA
	121141	TCGCTCCCTT	GAGACAGTCT	CTCTCGGAAC	GAAGCTTGCT	AGGTCTCCAA	AACCACCGAT
	121201	GAACGATGGG	GAAACGGGCA	GAGGTACGAC	CCCTCCGTTT	CCGCAGGCCT	TCTCCCTGT
10	121261	ATCCCCCGCG	TCTCCTGTTG	GAGACGCCGC	CGGGAACGAT	CAACGGGAAG	ACCAGCGGTC
	121321	TATACCCCGA	CAAACGACGA	GAGGAAATTC	ACCAGGTTTG	CCGTCGGTGG	TCCATCGAGA
	121381	CAGACAAACT	CAGTCCATCT	CGGGTAAAAA	GCCGGGCGAT	GAGCAAGCGG	GTCATGCGCA
	121441	TGCATCGGGG	GACGGAGTAG	TTCTCCAGAA	AACTCAACGG	CCCGCTCAGG	GAAAGAGCCC
	121501	GAAGAAAAAG	ACTTTGAAGG	TAAAGTCCC	ACTCCCGGCG	CGGAAACCCG	GTGGACCTGT
15	121561	ACCCGGCCCG	GTTGAGCAAT	TGTACCACGT	CCTTTCGGAC	AGCGTTCCCG	CTAAGGGGGG
	121621	AAAGGCGGAC	CTGCCGTTTG	AGACCGATGA	TACCCGCCCA	AGGAAACATG	ATGCCCGGGG
	121681	TATAACACCT	CGCGTCCCTG	GACGTTTCGT	GGGGGGCAAA	CCTAGAGCGT	TTTTGGCCCT
	121741	GCCGGGAAGA	TCCACGCGAC	CAGACCCGAT	TGAGGATGAC	AGCCCAGTGG	AGAAAAAGCC
	121801	AAAGAGTCGT	GAGTTTGTTC	CGTCTTCATC	CTCTTCCTCG	TCGTGGGGAT	CGTCATCGGA
20	121861	GGATGAAGAC	GATGAACCCC	GGCGCGTTTC	GGTGGGAAGT	GAAACTACAG	GCAGCAGGTC
	121921	CGGACGCGAA	CACGCCCTTT	CCCCGTCAAA	TTCGGATGAT	TCGGACTCAA	ATGATGGTGG
	121981	GTCGACGAAA	CAAAATATCC	AACCGGGATA	TCGATCCATC	AGCGGTCCTG	ATCCGAGGAT
	122041	TCGTAAAGAC	AAACGTCTTG	CGGGGGAACC	GGGGCGCCAG	AGACAGAAAT	CATTTTCCCT
	122101	GCCGCGATCC	AGAACCCCGA	TAATTCCTCC	GGTGTGCGGG	CCGCTCATGA	TGCCCGACCG
25	122161	AAGCCCTTGG	CCCGGATCGG	CACCCCTCCC	ATCCAACAGG	GTGCGGTTTG	GACCGTCCGG
	122221	GGAGACCAGA	GAGGGTCACT	GGGAGGATGA	GGCTGTGAGA	GCGGCGCGGG	TACGTTACGA
	122281	GGCCTCAACG	GAACCCGTGC	CGCTTTACGT	GCCGGAGTTG	GGAGATCCGG	CTAGACAGTA
	122341	CCGCGCGCTG	ATTAACCTGA	TCTACTGTCC	AGACAGAGAC	CCTATAGCAT	GGCTCCAGAA
	122401	CCCCAAGCTG	ACCGGTGTCA	ACTCGGCCCT	GAACCAGTTC	TACCAAAAGC	TGTTGCCACC
30	122461	GGGACGGGCG	GGTACCGCCG	TTACGGGGAG	CGTAGCGTCT	CCCGTTCCGC	ATGTAGGCGA
	122521	AGCCATGGCC	ACGGGGGAGG	CCCTCTGGGC	TCTCCCCCAC	GCGGCCGCGG	CCGTGGCTAT
	122581	GAGCCGTCTG	TACGACCGGG	CCCAAAAACA	CTTTATCCTA	CAGAGTCTCC	GCAGAGCCTT
	122641	TGCCAGCATG	GCATACCCCG	AGGCAACGGG	TCCAGTCCG	GCGGCGCGGA	TCTCCCGCGG
	122701	TCACCCCTCT	CCAACAACCC	CGGCCACACA	GGCTCCCGAC	CCTCAGCCGT	CGGCCGCCGC
35	122761	ACGCTCTCTT	TCTGTGTGTC	CACCGGATGA	TCGTTTACGA	ACTCCGCGCA	AGCGCAAGTC
	122821	CCAGCCAGTC	GAGAGCAGAA	GCCTCCTCGA	CAAGATTAGG	GAGACACCCG	TCGCGGACGC
	122881	CCGGGTTGCA	GACGATCATG	TGGTTTCCAA	GGCCAAGAGG	CGGGTATCCG	AGCCCGTGAC
	122941	CATCACCTCG	GGCCCTGTGG	TGGATCCCCC	CGCCGTAATA	ACGATGCCAC	TTGACGGACC
	123001	GGCCCCAAAC	GGGGGATTTT	GGCGTATTCC	CCGGGGGGCC	CTGCATACCC	CGGTCCCGTC
40	123061	GGACCAGGCT	CGCAAGGCGT	ACTGTACCCC	CGAAACCATC	GCCCGTCTGG	TCGACGACCC
	123121	ATTGTTTCCC	ACGGCCTGGC	GCCCTGCGCT	AAGCTTTGAT	CCCGGCGCCT	TGGCGGAAAT
	123181	CGCCGCTCGG	CGTCCGGGCG	GAGGAGACCG	ACGGTTTGGT	CCACCCAGCG	GAGTGGAGGC
	123241	GCTGCGACGG	AGGTGCGCCT	GGATGCGGCA	GATCCCAGAC	CCGGAGGATG	TGAGGCTTCT
	123301	GATCATCTAC	GATCCGTTGC	CCGGAGAGGA	CATCAACGGC	CCCCTCGAGA	GCACCCCTCGC
45	123361	GACAGATCCG	GGACCGTCAT	GGAGTCCATC	CCGAGGGGGA	CTGTCTGTGG	TCCTGGCAGC
	123421	CCTGAGTAAC	CGGTTGTGCC	TGCCGAGCAC	TCATGCCTGG	GCCGGGAACCT	GGACCGGCCC
	123481	GCCGACGCTG	TCCGCTTTGA	ACGCCCCGGG	CGTTTTTATTA	CTGTGACACC	GAGACCTGGC
	123541	CTTTGCCGGG	GCCGTCGAGT	ATCTAGGCTC	GCGGTTGGCC	TCTGCCCCGGC	GCCGTTTGCT
	123601	GGTGTGGGAC	GCGGTGGCCC	TCGAGAGGTC	GCCCAGGGAT	GGACCCGCTT	TGTCTCAGTA
50	123661	TCACGTGTAC	GTCCGGGCCC	CGGCGCGACC	GGACGCCAG	GCCGTCGTCC	GATGGCCAGA
	123721	CTCGCGGGTC	ACAGAAGGAC	TCGCCCGGGC	CGTGTTTGCA	TCGTGCGCGA	CCTTTGGGCC
	123781	AGCGAGTTTT	GCTCGTATCG	AGACTGCGTT	TGCCAACCTG	TACCCGGGCG	AACAACCCCT
	123841	GTGTTTGTGC	CGCGGTGGGA	ACGTGCGATA	CACCGTGTGT	ACCCGCGCGG	GCCCCAAGAC
	123901	CCGCGTCCCC	CTGTGCCCCC	GTGAATACCG	GCAGTACGTG	CTGCCGGGTT	TTGACGGTTG
55	123961	CAAGGACCTC	GCGCGACAGT	CTCGGGGTCT	GGGGCTCGGG	GCAGCCGACT	TTGTGGACGA
	124021	GGCGGCACAT	AGCCACCGCG	CAGCAAACCG	ATGGGGCCTG	GGTGCCGCGC	TTCCACCCGT
	124081	CTTCCTTCCC	GAGGGACGGA	GACCGGGGGC	CGCCGGGCGG	GAGGCCGGCG	ACGTACCCAC
	124141	CTGGGCGAGG	GTGTTTTGCC	GCCACGCCCT	GCTGGAACCC	GACCCTGCCG	CAGAACCCT
	124201	CGTGCTTCCA	CCCGTGGCCG	GTCGGTCCGT	GGCGCTGTAT	GCGTCGGCGG	ACGAGGCTCG

124261 GAATGCCCTC CCCCCGATTC CCAGAGTAAT GTGGCCGCCC GGTTTTGGGG CCGCGGAGAC  
124321 GGTGTTGGAG GGGAGCGACG GAACACGGTT CGTGTTCCGA CACCACGGGG GCTCGGAACG  
124381 GCCGTCAGAA ACCCAGGCGG GGCGACAGCG GCGCACCGCA GACGACAGAG AACACGCTTT  
124441 GGAGCTGGAC GATTGGGAGG TGGGGTGTGA AGACGCGTGG GACAGCGAGG AGGGGGGCGG  
5 124501 GGACGACGGG GACGCACCGG GGTCATCCTT TGGGGTGAGC ATCGTGTCGG TGGCCCCGGG  
124561 TGTGCTGCGA GACCGCCGGG TGGGTTTGCG CCCGGCGGTC AAGGTGGAGC TGTGTCTCCTC  
124621 GTCTTCGTCC TCCGAGGACG AGGACGATGT GTGGGGAGGG CGCGGGGGGA GGAGCCCCC  
124681 GCAGAGTCGG GGGTGACGGA GTCCCCTCCT TTTCTCGTGA GCGCCACTGG CGCGCGGACT  
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124861 GCGCCCGGCG GACCCCGGGA GAGG